



## The Danish National Travel Survey - declaration of variables TU 2006-17, version 1

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# **The Danish National Travel Survey - declaration of variables**

TU 2006-17, version 1

Hjalmar Christiansen and Marie-Louise Warnecke

6.3.2018

# **The Danish National Travel Survey - declaration of variables**

## **Documentation note**

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# 1. Documentation of TU data

This record documents the reported data in the data set TU 2006-11 version 1 covering data from the period May 2006 until 31. December 2011.

Please refer to our website for the most up-to-date documentation of the latest TU data. This record follows, where possible, the data set and is not updated later.

## 2. Interview session

### An interview about a given date with a given respondent.

The survey of transport habits is based on an interview with 1 person about behaviour during 1 day. At individual level there is consequently background information about the person, combined with information about the day in question together with weighting of the data set.

#### SessionId

Primary key for interview

**Table:** session

**Variable type:** Integer

**Origin:** Technical

Unique identification for the individual interview.

#### InterviewType

Interview type

**Table:** session

**Variable type:** enum interviewtype

**Origin:** Technical

**Value set:**

id	interviewtype	Description
0	Internet	Interview completed by the respondent him-/herself via the Internet.
1	Reconstructed interview	Original interview contains serious errors that have been solved by complete reconstruction.
2	Telephone	Telephone interview

id	interviewtype	Description
3	Special	Data from special surveys carry this type, but are not included in official data set.
20	Combination interview	

## DiaryDate

Date of the trip diary

**Table:** session

**Variable type:** Integer

**Origin:** Technical

**Value set:** Date as number of days since 1.1.1970

For analyses it is normally most practical to use the derived variables DiaryYear, DiaryMonth, DiaryWeekday.

## DiaryYear

Year of the trip diary

**Table:** session

**Variable type:** Integer

**Origin:** Derived

**Value set:** Year 2006, 2007, ... 2017

## PseudoYear

Staggered year

**Table:** session

**Variable type:** Character

**Origin:** Derived

**Value set:** Year 2006/7, ... 2017/18

Year of the trip diary, staggered to make it possible to take full advantage of the first data from 2006. As TU was restarted in May 2006, the division is per 1 May.

## DiaryMonth

Month of the trip diary

**Table:** session

**Variable type:** enum maaned

**Origin:** Derived

**Value set:**

id	maaned
1	January
2	February
3	March
4	April
5	May
6	June
7	July
8	August
9	September
10	October
11	November
12	December

## DiaryWeekday

Weekday of the trip diary

**Table:** session

**Variable type:** enum ugedag

**Origin:** Derived

**Value set:**

id	ugedag
1	Monday
2	Tuesday
3	Wednesday
4	Thursday
5	Friday
6	Saturday
7	Sunday

Weekday of the trip diary in which weekday is the calendar weekday irrespective of public holidays.

## DiaryDaytype

Day type for the trip diary

**Table:** session

**Variable type:** enum dagtype

**Origin:** Derived

**Value set:**

id	dagtype	Description
11	Normal weekday "Mon-Thur"	Weekdays where next day is also a weekday

id	dagtype	Description
12	Friday and weekday before public holiday	Weekday which apart from normal commuter traffic is also characterised by outbound traffic for weekend or public holiday.
13	Special weekdays	Monday-Wednesday of Easter week, Friday after Ascension Day, 1 May, weekdays between Christmas and New Year (The days are characterised, in principle, as being weekdays, however the majority of workplaces across the country are completely or partly closed)
23	Saturday	Only Saturdays that are not public holidays
32	Sunday and last public holiday before weekday	Day off/public holiday characterised by homebound traffic after weekend or public holiday.
33	Public holiday or Sunday where the next day is Sat/Sun/public holiday	Day off/public holiday without particular homebound traffic.

The traffic date of the interview converted into day type. Public holidays are defined as: 1 January, Maundy Thursday, Good Friday, Easter Monday, General Prayer Day (Danish public holiday falling on the fourth Friday after Easter), Ascension Day, Whit Monday, 5 June, 24, 25 and 26 December. The field is used for analyses in which certain types of day, e.g. weekdays, are defined. Furthermore combinations of months, weekday and type of day can be used as more sophisticated calendar criteria. For instance, "working days, not July" is characterised by `DiaryDaytype = {11,12}`, `DiaryMonth!=7`.

## HomeAdrNUTS

Home, NUTS

**Table:** session

**Variable type:** Character nuts2006

**Origin:** Derived

**Value set:** NUTS 2006



id	nuts2006
DK011	Copenhagen city
DK012	Greater Copenhagen
DK013	Northern Sealand
DK014	Bornholm
DK021	Eastern Sealand
DK022	Western Sealand
DK031	Funen
DK032	Southern Jutland
DK041	Western Jutland
DK042	Eastern Jutland
DK050	Northern Jutland

As all respondents live in Denmark HomeAdrNUTS in reality is a division of the respondents by region and sub-region.

## HomeAdrMunCode

Home, municipality

**Table:** session

**Variable type:** enum kommunekode

**Origin:** Technical

**Value set:** Municipality code, following the local government reform

id	kommunekode
101	Copenhagen
147	Frederiksberg
265	Roskilde
461	Odense
561	Esbjerg
615	Horsens
621	Kolding
630	Vejle
730	Randers
751	Århus

Only a small sample of values is shown. See external link for complete list of values: <http://www.dst.dk/da/Statistik/dokumentation/Nomenklaturer/NUTS.aspx>

## HomeAdrCityCode

Home, town code

**Table:** session

**Variable type:** enum CityCode

**Origin:** Derived

**Value set:** Town code according to same definition as KMS/DST

id	CityCode
1100	The metropolitan area
10040	Roskilde
10064	Kolding
10370	Vejle
10677	Odense
10691	Randers
10938	Aalborg
11007	Herning
11045	Århus
11196	Esbjerg

Only a small sample of values is shown.

## HomeAdrCitySize

Home, town size

**Table:** session

**Variable type:** Integer

**Origin:** Derived

**Value set:** Number of inhabitants

Town size (DiaryYear) according to Statistics Denmark, StatBank Denmark.

## HomeAdrNTMzone

Home, zone in the Danish national transport model

**Table:** session

**Variable type:** Integer

**Origin:** Derived

**Value set:** Zone number in the Danish national transport model (Landstrafikmodellen)

## HomeAdrNearestStation

Home, nearest station

**Table:** session

**Variable type:** Character

**Origin:** Derived

**Value set:** Station name

Nearest station, irrespective of this station's service. The field is not created for places in the 5 island municipalities (Bornholm, Ærø, Fanø, Samsø and Læsø).

## HomeAdrDistNearestStation

Home, distance to nearest station

**Table:** session

**Variable type:** Float

**Origin:** Derived

**Units:** km

Distance to nearest station as the crow flies, irrespective of this station's service. The field is not created for places in the 5 island municipalities (Bornholm, Ærø, Fanø, Samsø and Læsø).

## HomeParkPoss

Parking conditions at home

**Table:** session

**Variable type:** enum HomeParkPoss

**Origin:** Questionnaire

**Value set:**

id	HomeParkPoss
-1	Don't know
4	Carport/garage on private lot
5	Front yard/driveway on private lot

id	HomeParkPoss
6	Parking space on/next to the property: Reserved with license plate sign
111	Parking space on/next to the property: Always space, free parking (only for residents)
112	Parking space on/next to the property: Normally space, free parking (only for residents)
113	Parking space on/next to the property: Rarely/never space, but free (only for residents)
122	Parking space on/next to the property: Normally space, time-limited
123	Parking space on/next to the property: Rarely/never space, time-limited
131	Parking space on/next to the property: Always space, but against payment
132	Parking space on/next to the property: Normally space, but against payment
133	Parking space on/next to the property: Rarely/never space, and against payment
211	Only on street/road: Always space, free parking
212	Only on street/road: Normally space, free parking
213	Only on street/road: Rarely/never space, but free
222	Only on street/road: Normally space, time-limited
223	Only on street/road: Rarely/never space, time-limited

id	HomeParkPoss
231	Only on street/road: Always space, but against payment or parking license
232	Only on street/road: Normally space, but against payment or parking license
233	Only on street/road: Rarely/never space, and against payment or parking license

## RespSex

Gender

**Table:** session

**Variable type:** enum knip

**Origin:** Questionnaire

**Value set:**

id	knip
1	Man/boy
2	Woman/girl

## RespYearBorn

Year of birth

**Table:** session

**Variable type:** Integer

**Origin:** Questionnaire

**Value set:** 4-digit year [1900-2011]

## RespAgeSimple

The age of the respondent using year of birth

**Table:** session

**Variable type:** Integer

**Origin:** Derived

**Value set:** Age, [6-120] years

The age of the respondent calculated irrespective of date of birth, only using year. It can be said that the respondent reaches/reached RespAgeSimple years in DiaryYear.

## RespAgeCorrect

The age of the respondent using date of birth

**Table:** session

**Variable type:** Integer

**Origin:** Derived

**Value set:** Age, [5-120] years

The age of the respondent on the traffic date, calculated using the precise date of birth. NOTE: Not for all older data, as date of birth is not available in all cases.

## RespPrimOcc

Primary Occupation

**Table:** session

**Variable type:** enum PrimOcc

**Origin:** Questionnaire

**Value set:**

id	PrimOcc
103	Kindergarten, pre-school
107	Pupil (primary school etc.)
116	Pupil (high school etc.)
120	Student at university or other further education
130	Apprentice, trainee

id	PrimOcc
210	Employee
211	National serviceman
221	Self-employed
222	Assisting spouse (to self-employed person)
231	Leave w/salary (maternity leave and other leave)
232	Leave on state benefits (maternity leave and other leave)
233	Leave w/o pay (maternity leave and other leave)
310	Unemployed, unempolymment benefit
320	Social assistance, rehabilitation, long-term ill
350	Non-age pensioner (e.g disabled)
360	Receiver of pre-retirement pay (Early retirement pension)
370	Old Age pensioner
390	Full-time housewife', otherwise out of work



## RespEduLevel

Educational attainment

**Table:** session

**Variable type:** enum uddan

**Origin:** Questionnaire

**Value set:**

id	uddan
1	1st-7th form
2	8th form
3	9th form
4	10th form
5	Studentereksamen (upper secondary certificate), HF (higher preparatory certificate)
6	HHX (higher commercial certificate), HTX (higher technical certificate), Erhvervsgymnasium (Business college)
9	Other schooling
11	Vocational (certificate of apprenticeship, etc.)
12	Short-term further education (1½ - 2 years)
13	Medium-term further education (2 - 5 years)
14	Long-term further education (minimum 5 years)

Highest completed education

## PrimOccMuncode

Place of occupation, municipality

**Table:** session

**Variable type:** enum kommunekode

**Origin:** Technical

**Value set:** Municipality code, following the local government reform.

id	kommunekode
101	Copenhagen
147	Frederiksberg
265	Roskilde
461	Odense
561	Esbjerg
615	Horsens
621	Kolding
630	Vejle
730	Randers
751	Århus

Only a small sample of values is shown. See external link for complete list of values: <http://www.dst.dk/da/Statistik/dokumentation/Nomenklaturer/NUTS.aspx>

Special municipality codes: 997 Continental Shelf and 999 Abroad.

### PrimOccNTMzone

Place of occupation, zone in the Danish national transport model

**Table:** session

**Variable type:** Integer

**Origin:** Derived

**Value set:** Zone number in the Danish national transport model (Landstrafikmodellen)

### WorkHoursPw

Number of weekly working hours

**Table:** session

**Variable type:** Integer

**Origin:** Questionnaire

**Value set:** Hours, [0-168]

### WorkHourType

Planning of working hours

**Table:** session

**Variable type:** enum arbtidform

**Origin:** Questionnaire

**Value set:**

id	arbtidform
1	Fixed working hours, same every day
2	Fixed working hours, vary day by day
3	Flexitime with compulsory time/core time
4	Full flexitime

### WorkPubPriv

Public- or private-sector employee?

**Table:** session

**Variable type:** enum privoffansat

**Origin:** Questionnaire

**Value set:**

id	privoffansat
1	Private
2	Public
3	Other, intermediate forms

## WorkatHomeDayspM

Days working from home

**Table:** session

**Variable type:** Integer

**Origin:** Questionnaire

**Value set:** Days per month, [0-31]

## SduMuncode

Usual Daily Base, municipality

**Table:** session

**Variable type:** enum kommunekode

**Origin:** Questionnaire

**Value set:** Municipality code, following the local government reform.

id	kommunekode
101	Copenhagen
147	Frederiksberg
265	Roskilde
461	Odense
561	Esbjerg

id	kommunekode
615	Horsens
621	Kolding
630	Vejle
730	Randers
751	Århus

Only a small sample of values is shown. See external link for complete list of values: <http://www.dst.dk/da/Statistik/dokumentation/Nomenklaturer/NUTS.aspx>

### SduNTMzone

Usual Daily Base, zone in the Danish national transport model (Landstrafikmodellen)

**Table:** session

**Variable type:** Integer

**Origin:** Derived

**Value set:** Zone number in the Danish national transport model (Landstrafikmodellen)

### GISdistHW

Calculated distance between home and place of occupation

**Table:** session

**Variable type:** Float

**Origin:** Derived

**Units:** km

Distance between home and place of occupation as the crow flies

## kmarbud

Stated travel distance to place of occupation

**Table:** session

**Variable type:** Integer

**Origin:** Questionnaire

**Units:** km

Questions left out from questionnaire per 30 January 2009, but maintained in data set until further notice.

## HwDayspW

Number of commuter days

**Table:** session

**Variable type:** Integer

**Origin:** Questionnaire

**Value set:** Days per week, [0-7]

## HwDaysReason

Reason for fewer commuter days

**Table:** session

**Variable type:** enum baaarsag

**Origin:** Questionnaire

**Value set:**

id	baaarsag	Description
-35	Part-time employed	Value from post-processing: It is presumed that the respondent works fewer days a week, because he/she is part-time employed.
-30	Work place is the home address	Value from post-processing: Question about commuter days left out, as it is in the same place.
3	Concentrates full-time work on fewer days	
4	Works at home	

id	baaarsag	Description
6	Leaves home for meetings, customers, patients, etc.	
8	Stays overnight at place of posting/workplace	
46	Works from home and leaves home for meetings/customers/patients	

Supplementary question to respondents stating that they commute less than 5 days per week.

### WorkParkPoss

Parking conditions at place of occupation

**Table:** session

**Variable type:** enum pmulighed

**Origin:** Questionnaire

**Value set:**

id	pmulighed	Description
1	Employer makes permanent space available	Option only for employees
2	Other permanent space for my car	Option only for employees
3	Permanent space for my car	Option not for employees
11	Always space, free parking	
12	Normally space, free parking	
13	Rarely/never space, but free	

id	pmulighed	Description
22		Normally space, limited in time (the car must be moved during the day)
23		Rarely/never space and limited in time
31		Always space, however only against payment
32		Normally space, however only against payment
33		Rarely/never space, and only against payment

## RespHasBicycle

Bicycle ownership

**Table:** session

**Variable type:** enum janej

**Origin:** Questionnaire

**Value set:**

id	janej
1	Yes
2	No

## RespHasSeasonTicket

Season ticket

**Table:** session

**Variable type:** enum janej

**Origin:** Questionnaire

**Value set:**



id	janej
1	Yes
2	No

Season ticket/commuter ticket/monthly ticket for public transport

### RespHasDrivlic

Driving licence

**Table:** session

**Variable type:** enum korekort

**Origin:** Questionnaire

**Value set:**

id	korekort	Description
-18	Person under 18 years / under 17 years from 2017	Value added during post-processing.
1	Yes	
2	No, has never had	
3	Has had	

Driving licence for ordinary passenger car (category B).

### RespDrivlicYear

Year of obtaining driving licence

**Table:** session

**Variable type:** Integer

**Origin:** Questionnaire

**Value set:** 4-digit year

Only for respondents who have or have had a driving licence.

## ResplsMemCarshare

Member of car sharing scheme

**Table:** session

**Variable type:** enum janej

**Origin:** Questionnaire

**Value set:**

id	janej
1	Yes
2	No

Questions asked in this form since 3 February 2009. For earlier data the field is reconstructed using the car table, CarOwnership=car sharing.

## HousehNumCars

Car availability in household

**Table:** session

**Variable type:** Integer

**Origin:** Questionnaire

**Value set:** Number of cars, 0 for none

## HousehCarOwnership

Car ownership in household

**Table:** session

**Variable type:** Integer

**Origin:** Derived

**Value set:** Number of cars, 0 for none

## Handicap

Handicap

**Table:** session

**Variable type:** enum janej

**Origin:** Questionnaire

**Value set:**

id	janej
1	Yes
2	No

## HousehAccomodation

Home, type

**Table:** session

**Variable type:** enum boform

**Origin:** Questionnaire

**Value set:**

id	boform
1	Detached single-family house
2	Terraced house, linked house
3	Block of flats
4	Farm
5	Student residence
6	Other

## HousehAccOwnOrRent

Home, ownership

**Table:** session

**Variable type:** enum ejelejebolig

**Origin:** Questionnaire

**Value set:**

id	ejelejebolig
1	Owner-occupied dwelling
2	Rent
3	Cooperative

### IncRespondent

Own income, year's prices

**Table:** session

**Variable type:** Integer

**Origin:** Questionnaire

**Units:** .000 DKK

**Value set:** Gross income, thousand DKK per year. 0 indicates actively selected no income.

The question includes 'don't know' option and NULL-values are therefore widely occurring.

### IncRespondent2000

Own income, price index 2000

**Table:** session

**Variable type:** Integer

**Origin:** Derived

**Units:** .000 DKK

**Value set:** Gross income, thousand DKK per year, converted to price level 2000 via the consumer prices index.

The question includes 'don't know' option and NULL-values are therefore widely occurring.

### IncSpouse

Spouse's income, year's prices

**Table:** session

**Variable type:** Integer

**Origin:** Questionnaire

**Units:** .000 DKK

**Value set:** Gross income, thousand DKK per year. 0 indicates actively selected no income.

The question includes 'don't know' option and NULL-values are therefore widely occurring.

### **IncSpouse2000**

Spouse's income, price index 2000

**Table:** session

**Variable type:** Integer

**Origin:** Derived

**Units:** .000 DKK

**Value set:** Gross income, thousand DKK per year, converted to price level 2000 via the consumer prices index.

The question includes 'don't know' option and NULL-values are therefore widely occurring.

### **IncNuclFamily**

Nuclear family's income, year's prices

**Table:** session

**Variable type:** Integer

**Origin:** Derived

**Units:** .000 DKK

**Value set:** Gross income, thousand DKK per year.

The nuclear family's total gross income, calculated based on other income information and the composition of the household.

### **IncNuclFamily2000**

Nuclear family's income, price index 2000

**Table:** session

**Variable type:** Integer

**Origin:** Derived

**Units:** .000 DKK

**Value set:** Gross income, thousand DKK per year, converted to price level 2000 via the consumer prices index.

The nuclear family's total gross income, calculated based on other income information and the composition of the household.

### **IncFamily**

Family's income, year's prices

**Table:** session

**Variable type:** Integer

**Origin:** Derived

**Units:** .000 DKK

**Value set:** Gross income, thousand DKK per year.

The questions about the family's and the household's total income are not asked at the same time in the different questionnaire versions. Due to the structure of the question about the composition of the household, in most cases it is possible to construct the fields based on each other. This has been done in the data set. The question includes 'don't know' option and NULL-values are therefore widely occurring.

## IncFamily2000

Family's income, price index 2000

**Table:** session

**Variable type:** Integer

**Origin:** Derived

**Units:** .000 DKK

**Value set:** Gross income, thousand DKK per year, converted to price level 2000 via the consumer prices index.

The questions about the family's and the household's income are not asked at the same time in the different questionnaire versions. Due to the structure of the question about the composition of the household, in most cases it is possible to construct the fields based on each other. This has been done in the data set. The question includes 'don't know' option and NULL-values are therefore widely occurring.

## IncHouseh

Household's income, year's prices

**Table:** session

**Variable type:** Integer

**Origin:** Questionnaire

**Units:** .000 DKK

**Value set:** Gross income, thousand DKK per year.

The questions about the family's and the household's income are not asked at the same time in the different questionnaire versions. Due to the structure of the question about the composition of the household, in most cases it is possible to construct the fields based on each other. This has been done in the data set. The question includes 'don't know' option and NULL-values are therefore widely occurring.

## IncHouseh2000

Household's income, price index 2000

**Table:** session

**Variable type:** Integer

**Origin:** Derived

**Units:** .000 DKK

**Value set:** Gross income, thousand DKK per year, converted to price level 2000 via the consumer prices index.

The questions about the family's and the household's income are not asked at the same time in the different questionnaire versions. Due to the structure of the question about the composition of the household, in most cases it is possible to construct the fields based on each other. This has been done in the data set. The question includes 'don't know' option and NULL-values are therefore widely occurring.

## NuclFamType

The respondent's nuclear family type

**Table:** session

**Variable type:** enum NuclFamType

**Origin:** Derived

**Value set:**

id	NuclFamType
10	Single
11	Single with child/children
20	Couple
21	Couple with child/children

The respondent's family type considered as nuclear family.

The nuclear family includes only the part of the family fitting the pattern "mum, dad and children" according to the following prioritised rules:

1. If the respondent has child living at home/child of partner, but not grandchildren or children-in-law the nuclear family includes the respondent plus his/her possible spouse/partner and their children under 25 years of age.
2. If the respondent is under 25 years of age and lives with his/her father or mother but not with his/her spouse/partner, own children or grandchildren, the nuclear family includes the respondent plus any siblings under 25 years of age, father and mother.
3. In other cases the nuclear family includes the respondent and his/her possible spouse/partner.

Other family members are considered to be outside the nuclear family.

## PosInFamily

Position in the nuclear family

**Table:** session

**Variable type:** enum PositionInFamily

**Origin:** Derived

**Value set:**

id	PositionInFamily	Description
10	Single	

id	PositionInFamily	Description
11	Older in couple	
12	Younger in couple	
20	Child in nuclear family	under 25 years of age

The respondent's position in the nuclear family to which the respondent by definition belongs.

### NuclFamNumPers

Number of persons in the nuclear family

**Table:** session

**Variable type:** Integer

**Origin:** Derived

Total number of persons in the nuclear family

### NuclFamNumAdults

Number of adults in nuclear family

**Table:** session

**Variable type:** Integer

**Origin:** Derived

**Value set:** Number of persons

Number of adults (AgeSimple $\geq$ 18) in the nuclear family.

### NuclFamNumPers1084

Number of persons 10-84 years in nuclear family

**Table:** session

**Variable type:** Integer

**Origin:** Derived

**Value set:** Number of persons

Number of persons 10-84 years (AgeSimple $\geq$ 18 & AgeSimple $<$ 85) in the nuclear family.

For extracts in which the number of nuclear families is used as a unit SessionWeight / NuclFamNumPers1084 is used as weight. The reason is that large families more often are represented than smaller families, as sampling takes place at individual level.



### **NuclFamNumPersO6**

Number of persons 6 years or older in nuclear family

**Table:** session

**Variable type:** Integer

**Origin:** Derived

**Value set:** Number of persons

Number of persons over 6 years of age (AgeSimple $\geq$ 6) in the nuclear family.

For extracts in which the number of nuclear families is used as a unit SessionWeight / NuclFamNumPers1084 is used as weight. The reason is that large families more often are represented than smaller families, as sampling takes place at individual level.

### **NuclFamNumDrivLic**

Number of persons with driving licence in nuclear family

**Table:** session

**Variable type:** Integer

**Origin:** Derived

**Value set:** Number of persons

Number of persons with driving licence (HasDrivLic=1) in the nuclear family.

### **FamNumPers**

Number of persons in the family

**Table:** session

**Variable type:** Integer

**Origin:** Derived

**Value set:** Number of persons

Total number of persons in the family defined as all family-related persons in the household.

### **FamNumAdults**

Number of adults in the family

**Table:** session

**Variable type:** Integer

**Origin:** Derived

**Value set:** Number of persons

Number of adults (AgeSimple $\geq$ 18) in the family defined as all family-related persons in the household.

### **FamNumPers1084**

Number of persons 10-84 years in the family

**Table:** session

**Variable type:** Integer

**Origin:** Derived

**Value set:** Number of persons

Number of persons 10-84 years ( $\text{AgeSimple} \geq 18$  &  $\text{AgeSimple} < 85$ ) in the family defined as all family-related persons in the household.  $\text{SessionWeight} / \text{FamNumPers1084}$  is used as weight for calculations according to number of families.

### **FamNumPersO6**

Number of persons 6 years or older in the family

**Table:** session

**Variable type:** Integer

**Origin:** Derived

**Value set:** Number of persons

Number of persons over 6 years of age ( $\text{AgeSimple} \geq 6$ ) in the family defined as all family-related persons in the household.  $\text{Weight06} / \text{FamNumPersO6}$  is used as weight for calculations according to number of families.

### **FamNumDrivLic**

Number of persons with driving licence in the family

**Table:** session

**Variable type:** Integer

**Origin:** Derived

**Value set:** Number of persons

Number of persons with driving licence ( $\text{HasDrivLic} = 1$ ) in the family defined as all family-related persons in the household.

### **HousehNumPers**

Number of persons in the household

**Table:** session

**Variable type:** Integer

**Origin:** Questionnaire

**Value set:** Number of persons

### HousehNumAdults

Number of adults in the household

**Table:** session

**Variable type:** Integer

**Origin:** Derived

**Value set:** Number of persons

Number of adults (AgeSimple $\geq$ 18) in the household.

### HousehNumPers1084

Number of persons 10-84 years in the household

**Table:** session

**Variable type:** Integer

**Origin:** Derived

**Value set:** Number of persons

Number of persons 10-84 years (AgeSimple $\geq$ 18 & AgeSimple $<$ 85) in the household.

SessionWeight / HousehNumPers1084 is used as weight for calculations according to number of households.

### HousehNumPersO6

Number of persons 10-84 years in the household

**Table:** session

**Variable type:** Integer

**Origin:** Derived

**Value set:** Number of persons

Number of persons over 6 years of age (AgeSimple $\geq$ 6) in the household.

WeightO6/HousehNumPersO6 is used as weight for calculations according to number of households.

### HousehNumDrivlic

Number of persons with driving licence in the household

**Table:** session

**Variable type:** Integer

**Origin:** Derived

**Value set:** Number of persons

Number of persons with driving licence (HasDrivLic=1) in the household.

### DayStartNUTS

Start of the day, NUTS

**Table:** session

**Variable type:** Character nuts2006

**Origin:** Derived

**Value set:** NUTS 2006

id	nuts2006
DE300	Berlin
DE600	Hamburg
DEF	Schleswig-Holstein
DEF01	Flensburg, Kreisfreie Stadt
DEF0C	Schleswig-Flensburg (Flensburg surroundings)
DK011	Copenhagen city
DK012	Greater Copenhagen
DK013	Northern Sealand
DK014	Bornholm
DK021	Eastern Sealand
DK022	Western Sealand
DK031	Funen
DK032	Southern Jutland
DK041	Western Jutland

id	nuts2006
DK042	Eastern Jutland
DK050	Northern Jutland
NO011	Oslo
SE110	Stockholm County
SE224	Skåne County

(Selected values shown)

## DayStartMuncode

Start of the day, municipality

**Table:** session

**Variable type:** enum kommunekode

**Origin:** Technical

**Value set:** Municipality code, following the local government reform.

id	kommunekode
101	Copenhagen
147	Frederiksberg
265	Roskilde
461	Odense
561	Esbjerg

id	kommunekode
615	Horsens
621	Kolding
630	Vejle
730	Randers
751	Århus

Only a small sample of values is shown. See external link for complete list of values: <http://www.dst.dk/da/Statistik/dokumentation/Nomenklaturer/NUTS.aspx>

Special municipality codes: 997 Continental Shelf and 999 Abroad.

## DayStartCityCode

Start of the day, town code

**Table:** session

**Variable type:** enum CityCode

**Origin:** Derived

**Value set:** Town code according to same definition as KMS/DST

id	CityCode
1100	The metropolitan area
10040	Roskilde
10064	Kolding
10370	Vejle
10677	Odense

id	CityCode
10691	Randers
10938	Aalborg
11007	Herning
11045	Århus
11196	Esbjerg

Only a small sample of values is shown.

### DayStartNTMzone

Start of the day, zone in the Danish national transport model (Landstrafikmodellen)

**Table:** session

**Variable type:** Integer

**Origin:** Derived

**Value set:** Zone number in the Danish national transport model (Landstrafikmodellen)

### DayStartJourneyRole

Start of the day: position in journey

**Table:** session

**Variable type:** enum journeyrole

**Origin:** Derived

**Value set:**

id	journeyrole	Description
0	The journey base	
1	Primary stay	The destination of the trip is the stay with the longest duration on the journey.

Specifies whether start of the day is journey base (0) or primary stay on first journey (1)

### DayStartPurp

Purpose at start of the day

**Table:** session

**Variable type:** enum Purp12

**Origin:** Questionnaire

**Value set:**

id	Purp12	Description
1	Home	Place of residence. Not necessarily the CPR-address, as we recognise that one can live in several places.
11	Workplace (normal workplace/address of employer)	
12	School, educational institution	School/education on the school/education institution itself.
13	Youth centre, youth club, after-school centre	
21	Collect/bring persons from/to sport, school, visit or other purpose	The purpose of the trip was to collect or bring another person directly from/to where this person is/is going.
22	Collect/bring persons from/to bus/train/ferry	The purpose of the trip was to collect or bring another person from/to public transport.
23	Collect/bring objects	
31	Shopping	



id	Purp12	Description
32	Other errand (bank, library, garage, etc.)	Private errands where objects are focus. Bring objects, collect objects, have objects repaired.
33	Social/health (visit to doctor, hospital, job centre, etc.)	Visit to doctor, dentist, hairdresser, social services, job centre, etc. It concerns own health or own social situation.
39	Education, not at the School/institution	Education which not that does not take place at the school/education institional eg. School trips, excursions, study trips.
41	Visit family/friends	
42	Do sports	
43	Entertainment (cinema, cafe, restaurant, sport spectator, church, etc.)	In general all leisure activities in which one participates passively. Also if it is not fun. Funerals, for instance, belong in this category.
44	Summer cottage, allotment	
45	Walk, run, bicycle trip, drive (the trip was a purpose in itself)	Leisure trips which are purpose in themselves.
46	Holiday, excursion	Leisure/adventure trips with obvious destination. Includes both short, spontaneous excursions and longer holiday trips.
47	Meetings in private setting	

id	Purp12	Description
49	Other leisure activity (evening classes, scouts, etc.)	Leisure activity in which one participates actively, but which is not sport, and for which no wages are paid (then it would be work)
51	Meetings, conferences (business)	Business trip with meeting activity of an internal nature. Participation in courses, conferences, company seminars, etc.
52	Customer or client visit (as part of my job)	Business trip with meeting activity towards third party. For instance, the sales representative visiting a customer or the doctor visiting a patient. Common feature is that own knowledge-based business is carried out at visits to a number of addresses.
53	Business services, trade (this is my job)	Business trip where this place is visited to carry out own trade. For instance, the plumber changing a water tap or the domestic help cleaning. Common feature is that own practical trade is carried out at a number of addresses.
54	Business trip	Longer trips with business purpose, often with combination of purposes 51, 52, 53.
61	Commercial transport of goods, postman, paper boy	
62	Commercial transport of persons	
64	Other commercial traffic (police, road work, etc.)	The purpose of the trip is to carry out own business. The job is not directly transport, however the trip is still a purpose in itself:

id	Purp12	Description
		it may be road control, surveying of roads and a lot more.

Interview at start of the day = home address is coded with 1/home, unless other is known. Data from 2006 and 2007 include NULL values, as the question was with optional response.

## RespNotripReason

Reason for no trips

**Table:** session

**Variable type:** enum notripreason

**Origin:** Questionnaire

**Value set:**

id	notripreason	Description
11	Illness	
12	Cannot leave home for reasons of health or due to handicap	
13	Was just not out during the entire day	Value used until 10 December 2009.
14	(Abroad the entire day)	Technical value which is added during post-processing
131	Worked at home the entire day and was not out	Value used from 10 December 2009.
132	Was just not out	Value used from 10 December 2009.

## NightsAway

Number of nights out

**Table:** session

**Variable type:** Integer

**Origin:** Derived

**Value set:** Number of nights

For start of day out: Number of nights out, calculated according to departure date. The value 15999 is used for 15 or more nights.

## TotalNumTrips

Number of trips as raw number of records

**Table:** session

**Variable type:** Integer

**Origin:** Derived

**Value set:** Number of trips, 0 for none

Number of trips in database terms.

## NumTripsCorr

Number of trips, adjusted

**Table:** session

**Variable type:** Integer

**Origin:** Derived

**Value set:** Number of trips, 0 for none

Number of trips in which trips abroad count as 1 trip, despite there being 2 records and in which number of stops in the simplified business tour is correctly included. NumTripsCorr should normally be used as number of trips in analyses, as this adjusts for duplication of trips abroad and for the differences in data collection about business trips.

## NumTripsExclComTrans

Number of trips, without commercial transport

**Table:** session

**Variable type:** Integer

**Origin:** Derived

**Value set:** Number of trips, 0 for none

Adjusted number of trips from which commercial transport trips (TripPurp>60) are excluded. As in NumTripsCorr trips abroad and the simplified business tour are handled correctly.

### **TotalLen**

Total travel distance of trips

**Table:** session

**Variable type:** Integer

**Origin:** Derived

**Units:** km

### **TotalLenExclComTrans**

Total travel distance without commercial transport

**Table:** session

**Variable type:** Float

**Origin:** Derived

**Units:** km

Total travel distance of trips in which commercial transport (TripPurp>60) is excluded. This figure should normally be used as day distance in analyses.

### **TotalMotorLen**

Total motorised travel distance

**Table:** session

**Variable type:** Integer

**Origin:** Derived

**Units:** km

### **TotalBicLen**

Total bicycle travel distance

**Table:** session

**Variable type:** Float

**Origin:** Derived

**Units:** km

### **TotalMin**

Total duration of trips

**Table:** session

**Variable type:** Integer

**Origin:** Derived

**Units:** min

Simplified business tour does not include information about travel times. TotalMin is consequently exclusive of travel time in simplified business tours.

## TotalMotorMin

Total motorised duration of trips

**Table:** session

**Variable type:** Integer

**Origin:** Derived

**Units:** min

## PrimModeDay

Primary mode of transport for the entire day

**Table:** session

**Variable type:** enum transportmiddel

**Origin:** Derived

**Value set:**

id	transportmiddel	Description
1	Walk or run	Also if one walks with a handcart or wheels a bicycle.
2	Bicycle	Including electric cycle, tricycle, etc.
3	Moped 30 (yellow number plate)	
4	Moped 45 (white number plate)	
5	Skateboard/roller skates/scooter	
6	Horse-drawn carriage, horse	
7	Disability moped (electric)	
11	Passenger car	

id	transportmiddel	Description
12	Van	Vehicle for goods transport with maximum authorised total weight below 3.5 tons
13	Lorry	Vehicle for goods transport with maximum authorised total weight above 3.5 tons
14	Motorcycle	
15	Tractor, working tools	All types of tractors and working tools, also e.g. steam rollers and hot-dog stands. It is a requirement that the vehicle is driven. If the respondent pulls or pushes, it is "walk or run"
25	Taxi cab	Also empty taxi cabs.
26	Tourist coach, rented bus	Bus trips which are not public transport. Apart from tourist trips also, for instance, 'closed' school buses, buses on their way to repair shop, military buses, etc.
31	Public bus	Bus which is part of the public transport, irrespective of bus company.
32	S-train	
33	Other train	This category includes all trains that are not S-trains or Metro
34	Metro train	Copenhagen Metro

id	transportmiddel	Description
35	Dial-a-ride, flexible transport service	
37	Light rail	Light rail in Århus/Odense/Copenhagen
41	Ferry, water bus	
42	Pleasure boat	All types of pleasure boating, from canoes and dinghies to large yachts
51	Airplane	All airborne transport: airliner, private plane and helicopter.

Primary mode of transport defined as the mode that accounts for the longest travel distance (sum(stagelength)) on the journey. In case of parity the mode with highest ID.

## ModeChainTypeDay

Transport mode chain for the entire day

**Table:** session

**Variable type:** enum ChainType

**Origin:** Derived

**Value set:**

id	ChainType	Description
1	Walk	Walking trips only – walking icw other transport modes should be included under those
2	Bicycle	Completely cycle trips
11	Driver of passenger car	



id	ChainType	Description
19	Driver of other vehicle	Driver of Moped 45, Van, Lorry, Motorcycle, Tractor, Taxi cab or Tourist coach
21	Passenger car passenger	
29	Passenger in other vehicle	Passenger in Moped 45, Van, Lorry, Motorcycle, Tractor, Taxi cab or Tourist coach
50	Airplane	
90	Other / miscellaneous	Horse-drawn carriage, pleasure boat and ferry as only means of transport.
110	Train	Completely train trips, including S-train and Metro
120	Public transport bus	Completely bus trips (bus as part of public transport)
130	Train / bus in combination	
132	Train / bus in combination with bicycle	
133	Train / bus in combination with car	

## DayNumJourneys

Number of journeys during 24 hours

**Table:** session

**Variable type:** Float

**Origin:** Derived

Number of journeys in the day programme, calculated so that closed journeys have factor 1, half open factor 0.5 and fully open are ignored. In this way a number of journeys is achieved that is consistent and compatible with Tuovernat.

## JstartType

Journey base, type

**Table:** session

**Variable type:** enum JstartType

**Origin:** Derived

**Value set:**

id	JstartType	Description
1	Civil reg.no. address which is different from specified home	
2	Home address specified in interview	
3	Specified Usual Daily Base	
7	Starting point of the day	In certain model settings JstartType=7 is to be included under fully open journeys

## JStartNUTS

Journey base, NUTS

**Table:** session

**Variable type:** Character nuts2006

**Origin:** Derived

**Value set:** NUTS 2006

id	nuts2006
DE300	Berlin
DE600	Hamburg
DEF	Schleswig-Holstein
DEF01	Flensburg, Kreisfreie Stadt
DEF0C	Schleswig-Flensburg (Flensburg surroundings)
DK011	Copenhagen city
DK012	Greater Copenhagen
DK013	Northern Sealand
DK014	Bornholm
DK021	Eastern Sealand
DK022	Western Sealand
DK031	Funen
DK032	Southern Jutland
DK041	Western Jutland

id	nuts2006
DK042	Eastern Jutland
DK050	Northern Jutland
NO011	Oslo
SE110	Stockholm County
SE224	Skåne County

(Selected values shown)

## JstartMuncode

Journey base, municipality

**Table:** session

**Variable type:** enum kommunekode

**Origin:** Derived

**Value set:** Municipality code, following the local government reform.

id	kommunekode
101	Copenhagen
147	Frederiksberg
265	Roskilde
461	Odense
561	Esbjerg

id	kommunekode
615	Horsens
621	Kolding
630	Vejle
730	Randers
751	Århus

Only a small sample of values is shown. See external link for complete list of values: <http://www.dst.dk/da/Statistik/dokumentation/Nomenklaturer/NUTS.aspx>

Municipality code corresponding to the place used as base for the journeys.

### JstartNTMzone

Journey base, zone in the Danish national transport model (Landstrafikmodellen)

**Table:** session

**Variable type:** Integer

**Origin:** Derived

**Value set:** Zone number in the Danish national transport model (Landstrafikmodellen)

### JstartNearestStation

Journey base, nearest station

**Table:** session

**Variable type:** Character

**Origin:** Derived

**Value set:** Station name

Nearest station, irrespective of this station's service. The field is not created for places in the 5 island municipalities (Bornholm, Ærø, Fanø, Samsø and Læsø).

## JstartDistNearestStation

Journey base, distance to nearest station

**Table:** session

**Variable type:** Float

**Origin:** Derived

**Units:** km

Distance to nearest station as the crow flies, irrespective of this station's service. The field is not created for places in the 5 island municipalities (Bornholm, Ærø, Fanø, Samsø and Læsø).

## DayJourneyType

Journey type of the day

**Table:** session

**Variable type:** enum DayJourneyType

**Origin:** Derived

**Value set:**

id	DayJourneyType	Description
1	Not out, stay at home	No trips, stay at the home address, which is consequently journey base.
2	Not out, stay outside home	No trips, stay at another place.
11	Closed day journey	Start and end of the day is same place which is also the journey base.
12	Open end	The day starts at the journey base but ends 'out'.
21	Open start	The day starts 'out', but ends at the journey base.
22	Fully open day programme	The journey base is not involved during the day.
212	Doubly open day programme	The day both starts and ends out but involves the journey base during the day.

## DayPrimTargetMuncode

Primary stay of the day, municipality

**Table:** session

**Variable type:** enum kommunekode

**Origin:** Derived

**Value set:** Municipality code, following the local government reform.

id	kommunekode
101	Copenhagen
147	Frederiksberg
265	Roskilde
461	Odense
561	Esbjerg
615	Horsens
621	Kolding
630	Vejle
730	Randers
751	Århus

Only a small sample of values is shown. See external link for complete list of values: <http://www.dst.dk/da/Statistik/dokumentation/Nomenklaturer/NUTS.aspx>

Special municipality codes: 997 Continental Shelf and 999 Abroad.

## DayPrimTargetPurp

Primary stay of the day, purpose

**Table:** session

**Variable type:** enum Purp12

**Origin:** Derived

**Value set:**

id	Purp12	Description
1	Home	Place of residence. Not necessarily the CPR-address, as we recognise that one can live in several places.
11	Workplace (normal workplace/address of employer)	
12	School, educational institution	School/education on the school/education institution itself.
13	Youth centre, youth club, after-school centre	
21	Collect/bring persons from/to sport, school, visit or other purpose	The purpose of the trip was to collect or bring another person directly from/to where this person is/is going.
22	Collect/bring persons from/to bus/train/ferry	The purpose of the trip was to collect or bring another person from/to public transport.
23	Collect/bring objects	
31	Shopping	
32	Other errand (bank, library, garage, etc.)	Private errands where objects are focus. Bring objects, collect objects, have objects repaired.



id	Purp12	Description
33	Social/health (visit to doctor, hospital, job centre, etc.)	Visit to doctor, dentist, hairdresser, social services, job centre, etc. It concerns own health or own social situation.
39	Education, not at the School/institution	Education which not that does not take place at the school/education institutional eg. School trips, excursions, study trips.
41	Visit family/friends	
42	Do sports	
43	Entertainment (cinema, cafe, restaurant, sport spectator, church, etc.)	In general all leisure activities in which one participates passively. Also if it is not fun. Funerals, for instance, belong in this category.
44	Summer cottage, allotment	
45	Walk, run, bicycle trip, drive (the trip was a purpose in itself)	Leisure trips which are purpose in themselves.
46	Holiday, excursion	Leisure/adventure trips with obvious destination. Includes both short, spontaneous excursions and longer holiday trips.
47	Meetings in private setting	
49	Other leisure activity (evening classes, scouts, etc.)	Leisure activity in which one participates actively, but which is not sport, and for which no wages are paid (then it would be work)

id	Purp12	Description
51	Meetings, conferences (business)	Business trip with meeting activity of an internal nature. Participation in courses, conferences, company seminars, etc.
52	Customer or client visit (as part of my job)	Business trip with meeting activity towards third party. For instance, the sales representative visiting a customer or the doctor visiting a patient. Common feature is that own knowledge-based business is carried out at visits to a number of addresses.
53	Business services, trade (this is my job)	Business trip where this place is visited to carry out own trade. For instance, the plumber changing a water tap or the domestic help cleaning. Common feature is that own practical trade is carried out at a number of addresses.
54	Business trip	Longer trips with business purpose, often with combination of purposes 51, 52, 53.
61	Commercial transport of goods, postman, paper boy	
62	Commercial transport of persons	
64	Other commercial traffic (police, road work, etc.)	The purpose of the trip is to carry out own business. The job is not directly transport, however the trip is still a purpose in itself: it may be road control, surveying of roads and a lot more.

## SessionWeight

Weighting factor, 10-84 y

**Table:** session

**Variable type:** Float

**Origin:** Derived

**Value set:** Weighting factor, scaled such that one year's data in principle add up to the annual average day traffic.

Weighting of the survey to the 10-84 year interval. The data are weighed to fit 2 dimensions: Calendar (date) and socio-geographic (gender, age, address)

## WeightO6

Weighting factor, over 6 y

**Table:** session

**Variable type:** Float

**Origin:** Derived

**Value set:** Weighting factor, scaled such that one year's data in principle add up to the annual average day traffic.

Weighting of the survey to population over 6 years of age, for the years 2016 onwards. The data are weighed in 2 dimensions: Calendar (date) and socio-geographic (gender, age, address)

# 3. Journeys of the day

## The entire journey from home and back to home.

Journey is an aggregation of trips so that travels wherever possible start and end at the same place, 'at home'.

The structure of the journeys is based on **the journey base** which is the home address, or if this is not visited, 'Usual Daily Base', or, if this is not visited, start of the day, if the day's programme returns to this place. Details about the journey base are found in the Session table.

A distinction is made between **open and closed** journeys, according to whether information is available about start and end of journey. Closed journeys take place only within the 24 hours of the interview.

**The primary stay** is defined as the stay with the longest staying time, max(DwelTime). It is specifically defined that in connection with partly open journeys (in which only one end point is the journey base) that the primary stay is the night stay before and after respectively.

In connection with closed journeys to/from abroad the stay abroad is defined as the primary stay. No primary stay is defined for fully open journeys. The purpose is simply defined as the purpose of the primary stay.

Secondary stay is defined as the stay before/after the primary stay closest to being the primary stay without being it.

## JourneyId

Primary key

**Table:** journey

**Variable type:** Integer

**Origin:** Technical

## SessionId

Reference to the corresponding session

**Table:** journey

**Variable type:** Integer

**Origin:** Technical

## Firstturnr

Start of the journey

**Table:** journey

**Variable type:** Integer

**Origin:** Technical

**Value set:** turnr

Identifies the start of the journey by reference to the turnr comprising the destination which is the start of the journey. For journeys starting with start of the day firstturnr=0.

## Lastturnr

End of the journey

**Table:** journey

**Variable type:** Integer

**Origin:** Technical

**Value set:** turnr

Identifies the end of the journey by reference to the turnr where the journey ends. For journeys ending 'out' lastturnr equals the last occurring turnr +1

## JourneyType

Type of journey

**Table:** journey

**Variable type:** enum journeytype

**Origin:** Derived

**Value set:**

id	journeytype	Description
11	Closed journey	Both start and end is the journey base.

id	journeytype	Description
12	Open end	The journey starts at the journey base but ends 'out'.
21	Open start	The journey starts 'out', but ends at the journey base.
22	Fully open	Day programme in which the journey base is not involved or for which the journey base is not defined.

Main type of journey, according to whether the journey starts or ends at home/journey base. For several analyses it is relevant to look at, for instance, only the closed journeys.

### **JStartTimeMsm**

Time of start of the journey.

**Table:** journey

**Variable type:** Integer

**Origin:** Derived

**Value set:** Minutes past midnight, [180-1620]

### **JEndTimeMsm**

Time of end of the journey

**Table:** journey

**Variable type:** Integer

**Origin:** Derived

**Value set:** Minutes past midnight, [180-1620]

Time of end of journey = arrival at the journey base after journey, or at end destination of the day for journeys with open end.

### **SumLen**

Total travel distance of trip stages of the journey

**Table:** journey

**Variable type:** Float

**Origin:** Derived

**Units:** km

### SumMin

Total duration of trip stages of the journey

**Table:** journey

**Variable type:** Integer

**Origin:** Derived

**Units:** min

Total specified travel time during the journey, incl. any waiting time en route.

### SumMotorLen

Motorised travel distance

**Table:** journey

**Variable type:** Float

**Origin:** Derived

**Units:** km

Stated (part) travel distance of trip stages during the journey using motorised modes of transport (stageMode!={1,2,5,6,42}).

### SumMotorMin

Motorised duration

**Table:** journey

**Variable type:** Integer

**Origin:** Derived

**Units:** min

Stated (part) duration of trip stages during the journey using motorised modes of transport (stageMode!={1,2,5,6,42}).

### MaxDistFromStartP

Maximum distance as the crow flies from the journey base

**Table:** journey

**Variable type:** Float

**Origin:** Derived

**Units:** km

The maximum distance as the crow flies from the journey base to a random point of the journey, max(GISdistJourneyStartP).

In many analyses this distance can be used to decide whether the journey is local or regional.

## PrimTargetTurnr

Identifies the primary stay of the journey by reference to turnr

**Table:** journey

**Variable type:** Integer

**Origin:** Technical

**Value set:** turnr

## PrimTargetPurp

Purpose of the primary stay on the journey

**Table:** journey

**Variable type:** enum Purp12

**Origin:** Derived

**Value set:**

id	Purp12	Description
1	Home	Place of residence. Not necessarily the CPR-address, as we recognise that one can live in several places.
11	Workplace (normal workplace/address of employer)	
12	School, educational institution	School/education on the school/education institution itself.
13	Youth centre, youth club, after-school centre	
14	Nursery, crèche, day care	
21	Collect/bring persons from/to sport, school, visit or other purpose	The purpose of the trip was to collect or bring another person directly from/to where this person is/is going.
22	Collect/bring persons from/to bus/train/ferry	The purpose of the trip was to collect or bring another person from/to public transport.

id	Purp12	Description
23	Collect/bring objects	
31	Shopping	
32	Other errand (bank, library, garage, etc.)	Private errands where objects are focus. Bring objects, collect objects, have objects repaired.
33	Social/health (visit to doctor, hospital, job centre, etc.)	Visit to doctor, dentist, hairdresser, social services, job centre, etc. It concerns own health or own social situation.
39	Education, not at the School/institution	Education which not that does not take place at the school/education institional eg. School trips, excursions, study trips.
41	Visit family/friends	
42	Do sports	
43	Entertainment (cinema, cafe, restaurant, sport spectator, church, etc.)	In general all leisure activities in which one participates passively. Also if it is not fun. Funerals, for instance, belong in this category.
44	Summer cottage, allotment	
45	Walk, run, bicycle trip, drive (the trip was a purpose in itself)	Leisure trips which are purpose in themselves.
46	Holiday, excursion	Leisure/adventure trips with obvious destination. Includes both short,



id	Purp12	Description
		spontaneous excursions and longer holiday trips.
47	Meetings in private setting	
49	Other leisure activity (evening classes, scouts, etc.)	Leisure activity in which one participates actively, but which is not sport, and for which no wages are paid (then it would be work)
51	Meetings, conferences (business)	Business trip with meeting activity of an internal nature. Participation in courses, conferences, company seminars, etc.
52	Customer or client visit (as part of my job)	Business trip with meeting activity towards third party. For instance, the sales representative visiting a customer or the doctor visiting a patient. Common feature is that own knowledge-based business is carried out at visits to a number of addresses.
53	Business services, trade (this is my job)	Business trip where this place is visited to carry out own trade. For instance, the plumber changing a water tap or the domestic help cleaning. Common feature is that own practical trade is carried out at a number of addresses.
54	Business trip	Longer trips with business purpose, often with combination of purposes 51, 52, 53.
61	Commercial transport of goods, postman, paper boy	
62	Commercial transport of persons	

id	Purp12	Description
64	Other commercial traffic (police, road work, etc.)	The purpose of the trip is to carry out own business. The job is not directly transport, however the trip is still a purpose in itself: it may be road control, surveying of roads and a lot more.

Purpose of the stay with the longest staying time of the journey. Purpose abroad on trips abroad.

### PrimTargetDwetime

Duration of primary stay

**Table:** journey

**Variable type:** Integer

**Origin:** Derived

**Units:** min

Duration of the stay at the primary stay of the journey as is defined by max(DestDwetime).

### PrimTargetMuncode

Primary stay, municipality

**Table:** journey

**Variable type:** enum kommunekode

**Origin:** Derived

**Value set:**

id	kommunekode
101	Copenhagen
147	Frederiksberg
265	Roskilde
461	Odense
561	Esbjerg

id	kommunekode
615	Horsens
621	Kolding
630	Vejle
730	Randers
751	Århus

Only a small sample of values is shown.

Municipality code, following the local government reform, supplemented values for abroad (999) and the Continental Shelf (997)

## PrimTNUTS

Primary stay, NUTS

**Table:** journey

**Variable type:** Character nuts2006

**Origin:** Derived

**Value set:** NUTS 2006

id	nuts2006
DE300	Berlin
DE600	Hamburg
DEF	Schleswig-Holstein
DEF01	Flensburg, Kreisfreie Stadt

id	nuts2006
DEF0C	Schleswig-Flensburg (Flensburg surroundings)
DK011	Copenhagen city
DK012	Greater Copenhagen
DK013	Northern Sealand
DK014	Bornholm
DK021	Eastern Sealand
DK022	Western Sealand
DK031	Funen
DK032	Southern Jutland
DK041	Western Jutland
DK042	Eastern Jutland
DK050	Northern Jutland
NO011	Oslo
SE110	Stockholm County

id	nuts2006
SE224	Skåne County

(Selected values shown)

## PrimTCityCode

Primary stay, town code

**Table:** journey

**Variable type:** enum CityCode

**Origin:** Derived

**Value set:** Town code according to same definition as KMS/DST

id	CityCode
1100	The metropolitan area
10040	Roskilde
10064	Kolding
10370	Vejle
10677	Odense
10691	Randers
10938	Aalborg
11007	Herning
11045	Århus

id	CityCode
11196	Esbjerg

Only a small sample of values is shown.

### PrimTCitySize

Primary stay, town size

**Table:** journey

**Variable type:** Integer

**Origin:** Derived

**Value set:** Number of inhabitants

Town size (DiaryYear) according to Statistics Denmark, StatBank Denmark.

### PrimTargetNTMzone

Primary stay, zone in the Danish national transport model

**Table:** journey

**Variable type:** Integer

**Origin:** Derived

**Value set:** Zone number in the Danish national transport model (Landstrafikmodellen)

### PrimTAreaType

Primary stay, area type

**Table:** journey

**Variable type:** enum AreaType

**Origin:** Derived

**Value set:**

id	AreaType
10	Low rise buildings
20	City Centre or high rise buildings
40	Recreational area

id	AreaType
44	Summer Cottage area
50	Industial area

### PrimTNearestStation

Primary stay, nearest station

**Table:** journey

**Variable type:** Character

**Origin:** Derived

**Value set:** Station name

Nearest station, irrespective of this station's service. The field is not created for places in the 5 island municipalities (Bornholm, Ærø, Fanø, Samsø and Læsø).

### PrimTDistNearestStation

Primary stay, distance to nearest station

**Table:** journey

**Variable type:** Float

**Origin:** Derived

**Units:** km

Distance to nearest station as the crow flies, irrespective of this station's service. The field is not created for places in the 5 island municipalities (Bornholm, Ærø, Fanø, Samsø and Læsø).

### OutBSecTurnr

Turnr for any secondary stay on the outbound part

**Table:** journey

**Variable type:** Integer

**Origin:** Technical

Identifies the primary stay on the outbound part by reference to turnr

### OutBSecPurp

Purpose of any secondary stay on the outbound part

**Table:** journey

**Variable type:** enum Purp12

**Origin:** Derived

**Value set:**

id	Purp12	Description
1	Home	Place of residence. Not necessarily the CPR-address, as we recognise that one can live in several places.
11	Workplace (normal workplace/address of employer)	
12	School, educational institution	School/education on the school/education institution itself.
13	Youth centre, youth club, after-school centre	
21	Collect/bring persons from/to sport, school, visit or other purpose	The purpose of the trip was to collect or bring another person directly from/to where this person is/is going.
22	Collect/bring persons from/to bus/train/ferry	The purpose of the trip was to collect or bring another person from/to public transport.
23	Collect/bring objects	
31	Shopping	
32	Other errand (bank, library, garage, etc.)	Private errands where objects are focus. Bring objects, collect objects, have objects repaired.
33	Social/health (visit to doctor, hospital, job centre, etc.)	Visit to doctor, dentist, hairdresser, social services, job centre, etc. It concerns own health or own social situation.



id	Purp12	Description
39	Education, not at the School/institution	Education which not that does not take place at the school/education institutional eg. School trips, excursions, study trips.
41	Visit family/friends	
42	Do sports	
43	Entertainment (cinema, cafe, restaurant, sport spectator, church, etc.)	In general all leisure activities in which one participates passively. Also if it is not fun. Funerals, for instance, belong in this category.
44	Summer cottage, allotment	
45	Walk, run, bicycle trip, drive (the trip was a purpose in itself)	Leisure trips which are purpose in themselves.
46	Holiday, excursion	Leisure/adventure trips with obvious destination. Includes both short, spontaneous excursions and longer holiday trips.
47	Meetings in private setting	
49	Other leisure activity (evening classes, scouts, etc.)	Leisure activity in which one participates actively, but which is not sport, and for which no wages are paid (then it would be work)
51	Meetings, conferences (business)	Business trip with meeting activity of an internal nature. Participation in courses, conferences, company seminars, etc.

id	Purp12	Description
52	Customer or client visit (as part of my job)	Business trip with meeting activity towards third party. For instance, the sales representative visiting a customer or the doctor visiting a patient. Common feature is that own knowledge-based business is carried out at visits to a number of addresses.
53	Business services, trade (this is my job)	Business trip where this place is visited to carry out own trade. For instance, the plumber changing a water tap or the domestic help cleaning. Common feature is that own practical trade is carried out at a number of addresses.
54	Business trip	Longer trips with business purpose, often with combination of purposes 51, 52, 53.
61	Commercial transport of goods, postman, paper boy	
62	Commercial transport of persons	
64	Other commercial traffic (police, road work, etc.)	The purpose of the trip is to carry out own business. The job is not directly transport, however the trip is still a purpose in itself: it may be road control, surveying of roads and a lot more.

## HomeBSecTurnr

Turnr for any secondary stay on the home bound part

**Table:** journey

**Variable type:** Integer

**Origin:** Technical

Identifies the primary stay on the homebound part by reference to turnr

## HomeBSecPurp

Purpose of any secondary stay on the homebound part

**Table:** journey

**Variable type:** enum Purp12

**Origin:** Derived

**Value set:**

id	Purp12	Description
1	Home	Place of residence. Not necessarily the CPR-address, as we recognise that one can live in several places.
11	Workplace (normal workplace/address of employer)	
12	School, educational institution	School/education on the school/education institution itself.
13	Youth centre, youth club, after-school centre	
21	Collect/bring persons from/to sport, school, visit or other purpose	The purpose of the trip was to collect or bring another person directly from/to where this person is/is going.
22	Collect/bring persons from/to bus/train/ferry	The purpose of the trip was to collect or bring another person from/to public transport.
23	Collect/bring objects	
31	Shopping	
32	Other errand (bank, library, garage, etc.)	Private errands where objects are focus. Bring objects, collect objects, have objects repaired.

id	Purp12	Description
33	Social/health (visit to doctor, hospital, job centre, etc.)	Visit to doctor, dentist, hairdresser, social services, job centre, etc. It concerns own health or own social situation.
39	Education, not at the School/institution	Education which not that does not take place at the school/education institutional eg. School trips, excursions, study trips.
41	Visit family/friends	
42	Do sports	
43	Entertainment (cinema, cafe, restaurant, sport spectator, church, etc.)	In general all leisure activities in which one participates passively. Also if it is not fun. Funerals, for instance, belong in this category.
44	Summer cottage, allotment	
45	Walk, run, bicycle trip, drive (the trip was a purpose in itself)	Leisure trips which are purpose in themselves.
46	Holiday, excursion	Leisure/adventure trips with obvious destination. Includes both short, spontaneous excursions and longer holiday trips.
47	Meetings in private setting	
49	Other leisure activity (evening classes, scouts, etc.)	Leisure activity in which one participates actively, but which is not sport, and for which no wages are paid (then it would be work)

id	Purp12	Description
51	Meetings, conferences (business)	Business trip with meeting activity of an internal nature. Participation in courses, conferences, company seminars, etc.
52	Customer or client visit (as part of my job)	Business trip with meeting activity towards third party. For instance, the sales representative visiting a customer or the doctor visiting a patient. Common feature is that own knowledge-based business is carried out at visits to a number of addresses.
53	Business services, trade (this is my job)	Business trip where this place is visited to carry out own trade. For instance, the plumber changing a water tap or the domestic help cleaning. Common feature is that own practical trade is carried out at a number of addresses.
54	Business trip	Longer trips with business purpose, often with combination of purposes 51, 52, 53.
61	Commercial transport of goods, postman, paper boy	
62	Commercial transport of persons	
64	Other commercial traffic (police, road work, etc.)	The purpose of the trip is to carry out own business. The job is not directly transport, however the trip is still a purpose in itself: it may be road control, surveying of roads and a lot more.

## ModeChainType

Transport mode chain for the entire journey

**Table:** journey

**Variable type:** enum ChainType

**Origin:** Derived

**Value set:**

id	ChainType	Description
1	Walk	Walking trips only – walking icw other transport modes should be included under those
2	Bicycle	Completely cycle trips
11	Driver of passenger car	
19	Driver of other vehicle	Driver of Moped 45, Van, Lorry, Motorcycle, Tractor, Taxi cab or Tourist coach
21	Passenger car passenger	
29	Passenger in other vehicle	Passenger in Moped 45, Van, Lorry, Motorcycle, Tractor, Taxi cab or Tourist coach
50	Airplane	
90	Other / miscellaneous	Horse-drawn carriage, pleasure boat and ferry as only means of transport.
110	Train	Completely train trips, including S-train and Metro

id	ChainType	Description
120	Public transport bus	Completely bus trips (bus as part of public transport)
130	Train / bus in combination	
132	Train / bus in combination with bicycle	
133	Train / bus in combination with car	

## PrimMode

Primary mode of transport

**Table:** journey

**Variable type:** enum transportmiddel

**Origin:** Derived

**Value set:**

id	transportmiddel	Description
1	Walk or run	Also if one walks with a handcart or wheels a bicycle.
2	Bicycle	Including electric cycle, tricycle, etc.
3	Moped 30 (yellow number plate)	
4	Moped 45 (white number plate)	
5	Skateboard/roller skates/scooter	
6	Horse-drawn carriage, horse	

id	transportmiddel	Description
7	Disability moped (electric)	
11	Passenger car	
12	Van	Vehicle for goods transport with maximum authorised total weight below 3.5 tons
13	Lorry	Vehicle for goods transport with maximum authorised total weight above 3.5 tons
14	Motorcycle	
15	Tractor, working tools	All types of tractors and working tools, also e.g. steam rollers and hot-dog stands. It is a requirement that the vehicle is driven. If the respondent pulls or pushes, it is "walk or run"
25	Taxi cab	Also empty taxi cabs.
26	Tourist coach, rented bus	Bus trips which are not public transport. Apart from tourist trips also, for instance, 'closed' school buses, buses on their way to repair shop, military buses, etc.
31	Public bus	Bus which is part of the public transport, irrespective of bus company.
32	S-train	



id	transportmiddel	Description
33	Other train	This category includes all trains that are not S-trains or Metro
34	Metro train	Copenhagen Metro
35	Dial-a-ride, flexible transport service	
37	Light rail	Light rail in Århus/Odense/Copenhagen
41	Ferry, water bus	
42	Pleasure boat	All types of pleasure boating, from canoes and dinghies to large yachts
51	Airplane	All airborne transport: airliner, private plane and helicopter.

Primary mode of transport defined as the mode that accounts for the longest travel distance (sum(stagelength)) on the journey. In case of parity the mode with highest ID.

### PrimModeLen

Total travel distance in the primary mode of transport

**Table:** journey

**Variable type:** Float

**Origin:** Derived

**Units:** km

### OutBPrimMode

Primary mode of transport on the outbound part

**Table:** journey

**Variable type:** enum transportmiddel

**Origin:** Derived

**Value set:**

id	transportmiddel	Description
1	Walk or run	Also if one walks with a handcart or wheels a bicycle.
2	Bicycle	Including electric cycle, tricycle, etc.
3	Moped 30 (yellow number plate)	
4	Moped 45 (white number plate)	
5	Skateboard/roller skates/scooter	
6	Horse-drawn carriage, horse	
7	Disability moped (electric)	
11	Passenger car	
12	Van	Vehicle for goods transport with maximum authorised total weight below 3.5 tons
13	Lorry	Vehicle for goods transport with maximum authorised total weight above 3.5 tons
14	Motorcycle	
15	Tractor, working tools	All types of tractors and working tools, also e.g. steam rollers and hot-dog stands. It is a requirement that the vehicle

id	transportmiddel	Description
		is driven. If the respondent pulls or pushes, it is "walk or run"
25	Taxi cab	Also empty taxi cabs.
26	Tourist coach, rented bus	Bus trips which are not public transport. Apart from tourist trips also, for instance, 'closed' school buses, buses on their way to repair shop, military buses, etc.
31	Public bus	Bus which is part of the public transport, irrespective of bus company.
32	S-train	
33	Other train	This category includes all trains that are not S-trains or Metro
34	Metro train	Copenhagen Metro
35	Dial-a-ride, flexible transport service	
37	Light rail	Light rail in Århus/Odense/Copenhagen
41	Ferry, water bus	
42	Pleasure boat	All types of pleasure boating, from canoes and dinghies to large yachts
51	Airplane	All airborne transport: airliner, private plane and helicopter.

Only for closed journeys (journeytype=11): Primary mode of transport defined as the mode that accounts for the longest travel distance (sum(StageLength)) on the journey to the primary stay. In case of parity the mode with highest ID.

### OutBLen

Travel distance of the outbound part

**Table:** journey

**Variable type:** Float

**Origin:** Derived

**Units:** km

Total stated travel distance of trip stages on the journey to the primary stay, only for closed journeys (journeytype=11).

### HomeBPrimMode

Primary mode of transport on the homebound part

**Table:** journey

**Variable type:** enum transportmiddel

**Origin:** Derived

**Value set:**

id	transportmiddel	Description
1	Walk or run	Also if one walks with a handcart or wheels a bicycle.
2	Bicycle	Including electric cycle, tricycle, etc.
3	Moped 30 (yellow number plate)	
4	Moped 45 (white number plate)	
5	Skateboard/roller skates/scooter	
6	Horse-drawn carriage, horse	
7	Disability moped (electric)	

id	transportmiddel	Description
11	Passenger car	
12	Van	Vehicle for goods transport with maximum authorised total weight below 3.5 tons
13	Lorry	Vehicle for goods transport with maximum authorised total weight above 3.5 tons
14	Motorcycle	
15	Tractor, working tools	All types of tractors and working tools, also e.g. steam rollers and hot-dog stands. It is a requirement that the vehicle is driven. If the respondent pulls or pushes, it is "walk or run"
25	Taxi cab	Also empty taxi cabs.
26	Tourist coach, rented bus	Bus trips which are not public transport. Apart from tourist trips also, for instance, 'closed' school buses, buses on their way to repair shop, military buses, etc.
31	Public bus	Bus which is part of the public transport, irrespective of bus company.
32	S-train	
33	Other train	This category includes all trains that are not S-trains or Metro

id	transportmiddel	Description
34	Metro train	Copenhagen Metro
35	Dial-a-ride, flexible transport service	
37	Light rail	Light rail in Århus/Odense/Copenhagen
41	Ferry, water bus	
42	Pleasure boat	All types of pleasure boating, from canoes and dinghies to large yachts
51	Airplane	All airborne transport: airliner, private plane and helicopter.

Only for closed journeys (JourneyType=11): Primary mode of transport defined as the mode that accounts for the longest travel distance (sum(StageLength)) on the journey after the primary stay. In case of parity the mode with highest ID.

### HomeBLen

Travel distance of the homebound part

**Table:** journey

**Variable type:** Float

**Origin:** Derived

**Units:** km

Total stated travel distance of trip stages on the journey after the primary stay, only for closed journeys (journeytype=11).

## 4. Trips of the day

### The trip from one stay/purpose to the next.

The trip table comprises the individual trips seen as travel from place to place.

The table is, amongst other things, used for analyses of transport demand and traffic volume.

### **turid**

Primary key for trips

**Table:** tur

**Variable type:** Integer

**Origin:** Technical

### **SessionId**

Reference to the corresponding session

**Table:** tur

**Variable type:** Integer

**Origin:** Technical

(sessionId, turnr) is candidate key.

### **turnr**

Position of the trip in the order of trips

**Table:** tur

**Variable type:** Integer

**Origin:** Technical

(sessionId, turnr) is candidate key.

### **TripCount**

This record represents TripCount trips when calculating total num trips.

**Table:** tur

**Variable type:** Float

**Origin:** Derived

**Units:** (antal)

1: standard case. 0.5 og 0 is used for trips to/from Bornholm, such that the entire trip has sum=1.  
Values >1 is used for simplified business tours.

### **DepartHH**

Time of departure, hour

**Table:** tur

**Variable type:** Integer

**Origin:** Questionnaire

**Value set:** Hours

The day is extended beyond 12 pm, so that 25 is 01 the following day, 26 is 02, etc.

### **DepartMM**

Time of departure, minute

**Table:** tur

**Variable type:** Integer

**Origin:** Questionnaire

**Value set:** Minutes

Time of departure specified. Please note that temporal resolution is 5 minutes

### **DepartMSM**

Time of departure, collective field

**Table:** tur

**Variable type:** Integer

**Origin:** Derived

**Value set:** Minutes past midnight, [180-1620]

Time for start of the trip.

### **ArrivalHH**

Time of arrival, hours

**Table:** tur

**Variable type:** Integer

**Origin:** Derived

**Value set:** Hours

Time of end of the trip, calculated as DepartMsm + duration of the individual trip stages incl. waiting time.

### **ArrivalMM**

Time of arrival, minutes

**Table:** tur

**Variable type:** Integer

**Origin:** Derived

**Value set:** Minutes

Time of end of the trip, calculated as DepartMsm + duration of the individual trip stages incl. waiting time.

### **ArrivalMSM**

Time of end of the trip

**Table:** tur

**Variable type:** Integer

**Origin:** Derived

**Value set:** Minutes past midnight, [180-?]



Time of end of the trip, calculated as DepartMsm + duration of the individual trip stages incl. waiting time.

### DestDwelttime

Duration of the stay at destination of the trip

**Table:** tur

**Variable type:** Integer

**Origin:** Derived

**Units:** min

Duration of stay at destination of the trip, calculated as DepartMsm for next trip minus ArrivalMsm for trip in question.

### OrigNUTS

Start of the trip, NUTS

**Table:** tur

**Variable type:** Character nuts2006

**Origin:** Derived

**Value set:** NUTS 2006

id	nuts2006
DE300	Berlin
DE600	Hamburg
DEF	Schleswig-Holstein
DEF01	Flensburg, Kreisfreie Stadt
DEF0C	Schleswig-Flensburg (Flensburg surroundings)
DK011	Copenhagen city
DK012	Greater Copenhagen
DK013	Northern Sealand

id	nuts2006
DK014	Bornholm
DK021	Eastern Sealand
DK022	Western Sealand
DK031	Funen
DK032	Southern Jutland
DK041	Western Jutland
DK042	Eastern Jutland
DK050	Northern Jutland
NO011	Oslo
SE110	Stockholm County
SE224	Skåne County

(Selected values shown)

## OrigMuncode

Start of the trip, municipality

**Table:** tur

**Variable type:** enum kommunekode

**Origin:** Derived

**Value set:** Municipality code, following the local government reform.

id	kommunekode
101	Copenhagen
147	Frederiksberg
265	Roskilde
461	Odense
561	Esbjerg
615	Horsens
621	Kolding
630	Vejle
730	Randers
751	Århus

Only a small sample of values is shown. See external link for complete list of values: <http://www.dst.dk/da/Statistik/dokumentation/Nomenklaturer/NUTS.aspx>

DestMuncode for previous trip, DayStartMuncode for first trip. Special municipality codes: 997 Continental Shelf, 998 Border crossing and 999 Abroad.

### OrigCityCode

Start of the trip, town code

**Table:** tur

**Variable type:** enum CityCode

**Origin:** Derived

**Value set:** Town code according to same definition as KMS/DST

id	CityCode
1100	The metropolitan area
10040	Roskilde
10064	Kolding
10370	Vejle
10677	Odense
10691	Randers
10938	Aalborg
11007	Herning
11045	Århus
11196	Esbjerg

Only a small sample of values is shown.

### OrigNTMzone

Start of the trip, zone in the Danish national transport model (Landstrafikmodellen)

**Table:** tur

**Variable type:** Integer

**Origin:** Derived

**Value set:** Zone number in the Danish national transport model (Landstrafikmodellen)

### OrigNearestStation

Start of the trip, nearest station

**Table:** tur

**Variable type:** Character

**Origin:** Derived

**Value set:** Station name

Nearest station, irrespective of this station's service. The field is not created for places in the 5 island municipalities (Bornholm, Ærø, Fanø, Samsø and Læsø).

### OrigDistNearestStation

Start of the trip, distance to nearest station

**Table:** tur

**Variable type:** Float

**Origin:** Derived

**Units:** km

Distance to nearest station as the crow flies, irrespective of this station's service. The field is not created for places in the 5 island municipalities (Bornholm, Ærø, Fanø, Samsø and Læsø).

### DestNUTS

Destination of the trip, NUTS

**Table:** tur

**Variable type:** Character nuts2006

**Origin:** Derived

**Value set:** NUTS 2006

id	nuts2006
DE300	Berlin
DE600	Hamburg
DEF	Schleswig-Holstein
DEF01	Flensburg, Kreisfreie Stadt
DEF0C	Schleswig-Flensburg (Flensburg surroundings)

id	nuts2006
DK011	Copenhagen city
DK012	Greater Copenhagen
DK013	Northern Sealand
DK014	Bornholm
DK021	Eastern Sealand
DK022	Western Sealand
DK031	Funen
DK032	Southern Jutland
DK041	Western Jutland
DK042	Eastern Jutland
DK050	Northern Jutland
NO011	Oslo
SE110	Stockholm County
SE224	Skåne County

(Selected values shown)

### DestMuncode

Destination of the trip, municipality

**Table:** tur

**Variable type:** enum kommunekode

**Origin:** Technical

**Value set:** Municipality code, following the local government reform.

id	kommunekode
101	Copenhagen
147	Frederiksberg
265	Roskilde
461	Odense
561	Esbjerg
615	Horsens
621	Kolding
630	Vejle
730	Randers
751	Århus

Only a small sample of values is shown. See external link for complete list of values: <http://www.dst.dk/da/Statistik/dokumentation/Nomenklaturer/NUTS.aspx>

Special municipality codes: 997 Continental Shelf, 998 Border crossing and 999 Abroad.

## DestCityCode

Destination of the trip, town code

**Table:** tur

**Variable type:** enum CityCode

**Origin:** Derived

**Value set:** Town code according to same definition as KMS/DST

id	CityCode
1100	The metropolitan area
10040	Roskilde
10064	Kolding
10370	Vejle
10677	Odense
10691	Randers
10938	Aalborg
11007	Herning
11045	Århus
11196	Esbjerg

Only a small sample of values is shown.



## DestNTMzone

Destination of the trip, zone in the Danish national transport model (Landstrafikmodellen)

**Table:** tur

**Variable type:** Integer

**Origin:** Derived

**Value set:** Zone number in the Danish national transport model (Landstrafikmodellen)

## DestNearestStation

Destination of the trip, nearest station

**Table:** tur

**Variable type:** Character

**Origin:** Derived

**Value set:** Station name

Nearest station, irrespective of this station's service. The field is not created for places in the 5 island municipalities (Bornholm, Ærø, Fanø, Samsø and Læsø).

## DestDistNearestStation

Destination of the trip, distance to nearest station

**Table:** tur

**Variable type:** Float

**Origin:** Derived

**Units:** km

Distance to nearest station as the crow flies, irrespective of this station's service. The field is not created for places in the 5 island municipalities (Bornholm, Ærø, Fanø, Samsø and Læsø).

## OrigPurp

Start of the trip, purpose

**Table:** tur

**Variable type:** enum Purp12

**Origin:** Derived

**Value set:**

id	Purp12	Description
1	Home	Place of residence. Not necessarily the CPR-address, as we recognise that one can live in several places.
11	Workplace (normal workplace/address of employer)	

id	Purp12	Description
12	School, educational institution	School/education on the school/education institution itself.
13	Youth centre, youth club, after-school centre	
14	Nursery, crèche, day care	
21	Collect/bring persons from/to sport, school, visit or other purpose	The purpose of the trip was to collect or bring another person directly from/to where this person is/is going.
22	Collect/bring persons from/to bus/train/ferry	The purpose of the trip was to collect or bring another person from/to public transport.
23	Collect/bring objects	
31	Shopping	
32	Other errand (bank, library, garage, etc.)	Private errands where objects are focus. Bring objects, collect objects, have objects repaired.
33	Social/health (visit to doctor, hospital, job centre, etc.)	Visit to doctor, dentist, hairdresser, social services, job centre, etc. It concerns own health or own social situation.
39	Education, not at the School/institution	Education which not that does not take place at the school/education institutional eg. School trips, excursions, study trips.
41	Visit family/friends	

id	Purp12	Description
42	Do sports	
43	Entertainment (cinema, cafe, restaurant, sport spectator, church, etc.)	In general all leisure activities in which one participates passively. Also if it is not fun. Funerals, for instance, belong in this category.
44	Summer cottage, allotment	
45	Walk, run, bicycle trip, drive (the trip was a purpose in itself)	Leisure trips which are purpose in themselves.
46	Holiday, excursion	Leisure/adventure trips with obvious destination. Includes both short, spontaneous excursions and longer holiday trips.
47	Meetings in private setting	
49	Other leisure activity (evening classes, scouts, etc.)	Leisure activity in which one participates actively, but which is not sport, and for which no wages are paid (then it would be work)
51	Meetings, conferences (business)	Business trip with meeting activity of an internal nature. Participation in courses, conferences, company seminars, etc.
52	Customer or client visit (as part of my job)	Business trip with meeting activity towards third party. For instance, the sales representative visiting a customer or the doctor visiting a patient. Common feature is that own knowledge-based

id	Purp12	Description
		business is carried out at visits to a number of addresses.
53	Business services, trade (this is my job)	Business trip where this place is visited to carry out own trade. For instance, the plumber changing a water tap or the domestic help cleaning. Common feature is that own practical trade is carried out at a number of addresses.
54	Business trip	Longer trips with business purpose, often with combination of purposes 51, 52, 53.
61	Commercial transport of goods, postman, paper boy	
62	Commercial transport of persons	
64	Other commercial traffic (police, road work, etc.)	The purpose of the trip is to carry out own business. The job is not directly transport, however the trip is still a purpose in itself: it may be road control, surveying of roads and a lot more.

DestPurp for previous trip, DayStartPurp for first trip.

## DestPurp

Destination of the trip, purpose

**Table:** tur

**Variable type:** enum Purp12

**Origin:** Questionnaire

**Value set:**

id	Purp12	Description
1	Home	Place of residence. Not necessarily the CPR-address, as we recognise that one can live in several places.
11	Workplace (normal workplace/address of employer)	
12	School, educational institution	School/education on the school/education institution itself.
13	Youth centre, youth club, after-school centre	
21	Collect/bring persons from/to sport, school, visit or other purpose	The purpose of the trip was to collect or bring another person directly from/to where this person is/is going.
22	Collect/bring persons from/to bus/train/ferry	The purpose of the trip was to collect or bring another person from/to public transport.
23	Collect/bring objects	
31	Shopping	
32	Other errand (bank, library, garage, etc.)	Private errands where objects are focus. Bring objects, collect objects, have objects repaired.
33	Social/health (visit to doctor, hospital, job centre, etc.)	Visit to doctor, dentist, hairdresser, social services, job centre, etc. It concerns own health or own social situation.

id	Purp12	Description
39	Education, not at the School/institution	Education which not that does not take place at the school/education institional eg. School trips, excursions, study trips.
41	Visit family/friends	
42	Do sports	
43	Entertainment (cinema, cafe, restaurant, sport spectator, church, etc.)	In general all leisure activities in which one participates passively. Also if it is not fun. Funerals, for instance, belong in this category.
44	Summer cottage, allotment	
45	Walk, run, bicycle trip, drive (the trip was a purpose in itself)	Leisure trips which are purpose in themselves.
46	Holiday, excursion	Leisure/adventure trips with obvious destination. Includes both short, spontaneous excursions and longer holiday trips.
47	Meetings in private setting	
49	Other leisure activity (evening classes, scouts, etc.)	Leisure activity in which one participates actively, but which is not sport, and for which no wages are paid (then it would be work)
51	Meetings, conferences (business)	Business trip with meeting activity of an internal nature. Participation in courses, conferences, company seminars, etc.

id	Purp12	Description
52	Customer or client visit (as part of my job)	Business trip with meeting activity towards third party. For instance, the sales representative visiting a customer or the doctor visiting a patient. Common feature is that own knowledge-based business is carried out at visits to a number of addresses.
53	Business services, trade (this is my job)	Business trip where this place is visited to carry out own trade. For instance, the plumber changing a water tap or the domestic help cleaning. Common feature is that own practical trade is carried out at a number of addresses.
54	Business trip	Longer trips with business purpose, often with combination of purposes 51, 52, 53.
61	Commercial transport of goods, postman, paper boy	
62	Commercial transport of persons	
64	Other commercial traffic (police, road work, etc.)	The purpose of the trip is to carry out own business. The job is not directly transport, however the trip is still a purpose in itself: it may be road control, surveying of roads and a lot more.

### DestEscortPurp

Destination of the trip, purpose for collected/brought person

**Table:** tur

**Variable type:** enum Purp12

**Origin:** Questionnaire

**Value set:**

id	Purp12	Description
1	Home	Place of residence. Not necessarily the CPR-address, as we recognise that one can live in several places.
11	Workplace (normal workplace/address of employer)	
12	School, educational institution	School/education on the school/education institution itself.
13	Youth centre, youth club, after-school centre	
14	Nursery, crèche, day care	
23	Collect/bring objects	
31	Shopping	
32	Other errand (bank, library, garage, etc.)	Private errands where objects are focus. Bring objects, collect objects, have objects repaired.
33	Social/health (visit to doctor, hospital, job centre, etc.)	Visit to doctor, dentist, hairdresser, social services, job centre, etc. It concerns own health or own social situation.
39	Education, not at the School/institution	Education which not that does not take place at the school/education institutional eg. School trips, excursions, study trips.
41	Visit family/friends	



id	Purp12	Description
42	Do sports	
43	Entertainment (cinema, cafe, restaurant, sport spectator, church, etc.)	In general all leisure activities in which one participates passively. Also if it is not fun. Funerals, for instance, belong in this category.
44	Summer cottage, allotment	
45	Walk, run, bicycle trip, drive (the trip was a purpose in itself)	Leisure trips which are purpose in themselves.
46	Holiday, excursion	Leisure/adventure trips with obvious destination. Includes both short, spontaneous excursions and longer holiday trips.
47	Meetings in private setting	
49	Other leisure activity (evening classes, scouts, etc.)	Leisure activity in which one participates actively, but which is not sport, and for which no wages are paid (then it would be work)
51	Meetings, conferences (business)	Business trip with meeting activity of an internal nature. Participation in courses, conferences, company seminars, etc.
52	Customer or client visit (as part of my job)	Business trip with meeting activity towards third party. For instance, the sales representative visiting a customer or the doctor visiting a patient. Common feature is that own knowledge-based

id	Purp12	Description
		business is carried out at visits to a number of addresses.
53	Business services, trade (this is my job)	Business trip where this place is visited to carry out own trade. For instance, the plumber changing a water tap or the domestic help cleaning. Common feature is that own practical trade is carried out at a number of addresses.
54	Business trip	Longer trips with business purpose, often with combination of purposes 51, 52, 53.
61	Commercial transport of goods, postman, paper boy	
62	Commercial transport of persons	
64	Other commercial traffic (police, road work, etc.)	The purpose of the trip is to carry out own business. The job is not directly transport, however the trip is still a purpose in itself: it may be road control, surveying of roads and a lot more.

Questions referring to trips, with specified purpose collect/bring (DestPurp 21,22). The question is asked for trips with DestPurp=21 after 2006 and DestPurp=22 after 9 February 2009. Replies are missing for approximately 1800 trips from 2008 due to error in the questionnaire.

### TripPurp

Purpose of trip (opposite home)

**Table:** tur

**Variable type:** enum Purp12

**Origin:** Derived

**Value set:**

id	Purp12	Description
1	Home	Place of residence. Not necessarily the CPR-address, as we recognise that one can live in several places.
11	Workplace (normal workplace/address of employer)	
12	School, educational institution	School/education on the school/education institution itself.
13	Youth centre, youth club, after-school centre	
14	Nursery, crèche, day care	
21	Collect/bring persons from/to sport, school, visit or other purpose	The purpose of the trip was to collect or bring another person directly from/to where this person is/is going.
22	Collect/bring persons from/to bus/train/ferry	The purpose of the trip was to collect or bring another person from/to public transport.
23	Collect/bring objects	
31	Shopping	
32	Other errand (bank, library, garage, etc.)	Private errands where objects are focus. Bring objects, collect objects, have objects repaired.
33	Social/health (visit to doctor, hospital, job centre, etc.)	Visit to doctor, dentist, hairdresser, social services, job centre, etc. It concerns own health or own social situation.

id	Purp12	Description
39	Education, not at the School/institution	Education which not that does not take place at the school/education institutional eg. School trips, excursions, study trips.
41	Visit family/friends	
42	Do sports	
43	Entertainment (cinema, cafe, restaurant, sport spectator, church, etc.)	In general all leisure activities in which one participates passively. Also if it is not fun. Funerals, for instance, belong in this category.
44	Summer cottage, allotment	
45	Walk, run, bicycle trip, drive (the trip was a purpose in itself)	Leisure trips which are purpose in themselves.
46	Holiday, excursion	Leisure/adventure trips with obvious destination. Includes both short, spontaneous excursions and longer holiday trips.
47	Meetings in private setting	
49	Other leisure activity (evening classes, scouts, etc.)	Leisure activity in which one participates actively, but which is not sport, and for which no wages are paid (then it would be work)
51	Meetings, conferences (business)	Business trip with meeting activity of an internal nature. Participation in courses, conferences, company seminars, etc.

id	Purp12	Description
52	Customer or client visit (as part of my job)	Business trip with meeting activity towards third party. For instance, the sales representative visiting a customer or the doctor visiting a patient. Common feature is that own knowledge-based business is carried out at visits to a number of addresses.
53	Business services, trade (this is my job)	Business trip where this place is visited to carry out own trade. For instance, the plumber changing a water tap or the domestic help cleaning. Common feature is that own practical trade is carried out at a number of addresses.
54	Business trip	Longer trips with business purpose, often with combination of purposes 51, 52, 53.
61	Commercial transport of goods, postman, paper boy	
62	Commercial transport of persons	
64	Other commercial traffic (police, road work, etc.)	The purpose of the trip is to carry out own business. The job is not directly transport, however the trip is still a purpose in itself: it may be road control, surveying of roads and a lot more.

Purpose code at trip level. The field is created using OrigPurp and DestPurp with the following prioritised rules:

1. If OrigPurp is unknown, DestPurp is used.
2. If DestPurp is unknown, OrigPurp is used.
3. If OrigPurp=DestPurp this is used.
4. If OrigPurp=1 (home) DestPurp is used.
5. If DestPurp=1 (home) OrigPurp is used.
6. Trips between working place and business purposes are business purpose-
7. The purpose of the end of the trip that is closest to the journey's primary stay.
8. The purpose of the end of the trip which gives max TripPurpGroup.

## TripPurpGroup

Purpose of the trip, primary group

**Table:** tur

**Variable type:** enum PurpGroup

**Origin:** Derived

**Value set:**

id	PurpGroup	Description
11	Workplace	Includes purpose 11
12	Educational institution	Includes purpose 12
30	Errand	Includes purposes 21-23, 31-33
40	Leisure time	Includes purposes 1, 13, 14, 41-49
50	Business	Includes purposes 51-54, 61-64

General purpose code at trip level. The field is created using TripPurp by using above grouping.

## SimplWorkTour

Simplified business tour

**Table:** tur

**Variable type:** enum janej

**Origin:** Questionnaire

**Value set:**

id	janej
1	Yes
2	No

Questions referring to trips which potentially are business trips.

YES brings out the simplified business tour questionnaire. SimplWorkTour=1 is thus used as a filter for trips in the special case of business trips.

### **SimplWorkNumStop**

Number of stops on business trips

**Table:** tur

**Variable type:** Integer

**Origin:** Questionnaire

Simplified business tour questionnaire (SimplWorkTour=1): Number of trips.

### **GISdist**

Distance as the crow flies

**Table:** tur

**Variable type:** Float

**Origin:** Derived

**Units:** km

Distance between specified starting point and end point of the trip as the crow flies.

GISdist is only calculated if coordinates for both trip end points are known, not for trips abroad, not for simplified business tours.

### **NumModes**

Number of different modes of transport used during the trip

**Table:** tur

**Variable type:** Integer

**Origin:** Derived

### **SumLen**

Total travel distance of the trip

**Table:** tur

**Variable type:** Float

**Origin:** Derived

**Units:** km

Total travel distance of the trip, calculated as sum of trip stages.

In the interview situation, the total travel distance of the trip is compared with the distance as the crow flies if both end points have known coordinates. For trips in which one end point is without coordinate or in which coordinates have appeared during post-processing the total travel distance of the trip may be shorter than the distance as the crow flies.

## SumMin

Total duration of the trip

**Table:** tur

**Variable type:** Integer

**Origin:** Derived

**Units:** min

Total specified travel time during the trip, incl. any waiting time en route.

## SumMotorLen

Motorised travel distance

**Table:** tur

**Variable type:** Float

**Origin:** Derived

**Units:** km

(part) travel distance of the trip using motorised mode of transport (stageMode!={1,2,5,6,42}).

## SumMotorMin

Motorised duration

**Table:** tur

**Variable type:** Integer

**Origin:** Derived

**Units:** min

(part) duration of the trip using motorised mode of transport, excl. waiting times (StageMode!={1,2,5,6,42}).

## ModeChainType

Transport mode chain, categories

**Table:** tur

**Variable type:** enum ChainType

**Origin:** Derived

**Value set:**

id	ChainType	Description
1	Walk	Walking trips only – walking icw other transport modes should be included under those
2	Bicycle	Completely cycle trips



id	ChainType	Description
11	Driver of passenger car	
19	Driver of other vehicle	Driver of Moped 45, Van, Lorry, Motorcycle, Tractor, Taxi cab or Tourist coach
21	Passenger car passenger	
29	Passenger in other vehicle	Passenger in Moped 45, Van, Lorry, Motorcycle, Tractor, Taxi cab or Tourist coach
50	Airplane	
90	Other / miscellaneous	Horse-drawn carriage, pleasure boat and ferry as only means of transport.
110	Train	Completely train trips, including S-train and Metro
120	Public transport bus	Completely bus trips (bus as part of public transport)
130	Train / bus in combination	
132	Train / bus in combination with bicycle	
133	Train / bus in combination with car	

Qualitative categorisation of the chain of modes of transport

## PrimMode

Primary mode of transport

**Table:** tur

**Variable type:** enum transportmiddel

**Origin:** Derived

**Value set:**

id	transportmiddel	Description
1	Walk or run	Also if one walks with a handcart or wheels a bicycle.
2	Bicycle	Including electric cycle, tricycle, etc.
3	Moped 30 (yellow number plate)	
4	Moped 45 (white number plate)	
5	Skateboard/roller skates/scooter	
6	Horse-drawn carriage, horse	
7	Disability moped (electric)	
11	Passenger car	
12	Van	Vehicle for goods transport with maximum authorised total weight below 3.5 tons
13	Lorry	Vehicle for goods transport with maximum authorised total weight above 3.5 tons

id	transportmiddel	Description
14	Motorcycle	
15	Tractor, working tools	All types of tractors and working tools, also e.g. steam rollers and hot-dog stands. It is a requirement that the vehicle is driven. If the respondent pulls or pushes, it is "walk or run"
25	Taxi cab	Also empty taxi cabs.
26	Tourist coach, rented bus	Bus trips which are not public transport. Apart from tourist trips also, for instance, 'closed' school buses, buses on their way to repair shop, military buses, etc.
31	Public bus	Bus which is part of the public transport, irrespective of bus company.
32	S-train	
33	Other train	This category includes all trains that are not S-trains or Metro
34	Metro train	Copenhagen Metro
35	Dial-a-ride, flexible transport service	
37	Light rail	Light rail in Århus/Odense/Copenhagen
41	Ferry, water bus	

id	transportmiddel	Description
42	Pleasure boat	All types of pleasure boating, from canoes and dinghies to large yachts
51	Airplane	All airborne transport: airliner, private plane and helicopter.

Primary mode of transport defined as the mode that accounts for the longest travel distance (sum(stagelength)) on the trip. In case of parity the mode with highest ID.

### PrimModeDrivPass

Driver of/passenger in the primary mode of transport

**Table:** tur

**Variable type:** enum forerpass

**Origin:** Derived

**Value set:**

id	forerpass	Description
1	Driver	
2	Passenger	
3	Other personel	Conductors etc.

Specifies whether resp. was driver of or passenger in the primary mode of transport.

### SecMode

Secondary mode of transport

**Table:** tur

**Variable type:** enum transportmiddel

**Origin:** Derived

**Value set:**

id	transportmiddel	Description
1	Walk or run	Also if one walks with a handcart or wheels a bicycle.
2	Bicycle	Including electric cycle, tricycle, etc.
3	Moped 30 (yellow number plate)	
4	Moped 45 (white number plate)	
5	Skateboard/roller skates/scooter	
6	Horse-drawn carriage, horse	
7	Disability moped (electric)	
11	Passenger car	
12	Van	Vehicle for goods transport with maximum authorised total weight below 3.5 tons
13	Lorry	Vehicle for goods transport with maximum authorised total weight above 3.5 tons
14	Motorcycle	
15	Tractor, working tools	All types of tractors and working tools, also e.g. steam rollers and hot-dog stands. It is a requirement that the vehicle

id	transportmiddel	Description
		is driven. If the respondent pulls or pushes, it is "walk or run"
25	Taxi cab	Also empty taxi cabs.
26	Tourist coach, rented bus	Bus trips which are not public transport. Apart from tourist trips also, for instance, 'closed' school buses, buses on their way to repair shop, military buses, etc.
31	Public bus	Bus which is part of the public transport, irrespective of bus company.
32	S-train	
33	Other train	This category includes all trains that are not S-trains or Metro
34	Metro train	Copenhagen Metro
35	Dial-a-ride, flexible transport service	
37	Light rail	Light rail in Århus/Odense/Copenhagen
41	Ferry, water bus	
42	Pleasure boat	All types of pleasure boating, from canoes and dinghies to large yachts
51	Airplane	All airborne transport: airliner, private plane and helicopter.

Secondary mode of transport defined as the mode closest to being the primary transport mode without being it, i.e.: the secondary mode of transport is second longest travel distance.

### PrimModeSumLen

Travel distance using the primary mode of transport

**Table:** tur

**Variable type:** Float

**Origin:** Derived

**Units:** km

### SecModeSumLen

Travel distance using the secondary mode of transport

**Table:** tur

**Variable type:** Float

**Origin:** Derived

**Units:** km

### FirstMode

First mode of transport on the trip.

**Table:** tur

**Variable type:** enum transportmiddel

**Origin:** Derived

**Value set:**

id	transportmiddel	Description
1	Walk or run	Also if one walks with a handcart or wheels a bicycle.
2	Bicycle	Including electric cycle, tricycle, etc.
3	Moped 30 (yellow number plate)	
4	Moped 45 (white number plate)	
5	Skateboard/roller skates/scooter	

id	transportmiddel	Description
6	Horse-drawn carriage, horse	
7	Disability moped (electric)	
11	Passenger car	
12	Van	Vehicle for goods transport with maximum authorised total weight below 3.5 tons
13	Lorry	Vehicle for goods transport with maximum authorised total weight above 3.5 tons
14	Motorcycle	
15	Tractor, working tools	All types of tractors and working tools, also e.g. steam rollers and hot-dog stands. It is a requirement that the vehicle is driven. If the respondent pulls or pushes, it is "walk or run"
25	Taxi cab	Also empty taxi cabs.
26	Tourist coach, rented bus	Bus trips which are not public transport. Apart from tourist trips also, for instance, 'closed' school buses, buses on their way to repair shop, military buses, etc.
31	Public bus	Bus which is part of the public transport, irrespective of bus company.



id	transportmiddel	Description
32	S-train	
33	Other train	This category includes all trains that are not S-trains or Metro
34	Metro train	Copenhagen Metro
35	Dial-a-ride, flexible transport service	
37	Light rail	Light rail in Århus/Odense/Copenhagen
41	Ferry, water bus	
42	Pleasure boat	All types of pleasure boating, from canoes and dinghies to large yachts
51	Airplane	All airborne transport: airliner, private plane and helicopter.

First mode of transport on the trip, apart from walking.

### LastMode

Last mode of transport on the trip.

**Table:** tur

**Variable type:** enum transportmiddel

**Origin:** Derived

**Value set:**

id	transportmiddel	Description
2	Bicycle	Including electric cycle, tricycle, etc.

id	transportmiddel	Description
3	Moped 30 (yellow number plate)	
4	Moped 45 (white number plate)	
5	Skateboard/roller skates/scooter	
6	Horse-drawn carriage, horse	
7	Disability moped (electric)	
11	Passenger car	
12	Van	Vehicle for goods transport with maximum authorised total weight below 3.5 tons
13	Lorry	Vehicle for goods transport with maximum authorised total weight above 3.5 tons
14	Motorcycle	
15	Tractor, working tools	All types of tractors and working tools, also e.g. steam rollers and hot-dog stands. It is a requirement that the vehicle is driven. If the respondent pulls or pushes, it is "walk or run"
25	Taxi cab	Also empty taxi cabs.

id	transportmiddel	Description
26	Tourist coach, rented bus	Bus trips which are not public transport. Apart from tourist trips also, for instance, 'closed' school buses, buses on their way to repair shop, military buses, etc.
31	Public bus	Bus which is part of the public transport, irrespective of bus company.
32	S-train	
33	Other train	This category includes all trains that are not S-trains or Metro
34	Metro train	Copenhagen Metro
35	Dial-a-ride, flexible transport service	
37	Light rail	Light rail in Århus/Odense/Copenhagen
41	Ferry, water bus	
42	Pleasure boat	All types of pleasure boating, from canoes and dinghies to large yachts
51	Airplane	All airborne transport: airliner, private plane and helicopter.

Last mode of transport on the trip, apart from walking. Last mode of transport on the trip, apart from walking.

### PartyOrAlone

Fellow traveller (yes/no)

**Table:** tur

**Variable type:** enum janej

**Origin:** Questionnaire

**Value set:**

id	janej
1	Yes
2	No

The question is not asked for trips abroad nor for simplified business tours.

Please note that fellow traveller is defined using a purpose term. Thus, it is not necessarily the number of persons in the means of transport.

### PartyNumu10

Fellow traveller < 9 years

**Table:** tur

**Variable type:** Integer

**Origin:** Questionnaire

**Value set:** Number of persons

Please note that fellow traveller is defined using a purpose term. Thus, it is not necessarily the number of persons in the means of transport.

### PartyNum1017

Fellow traveller 10-17 years

**Table:** tur

**Variable type:** Integer

**Origin:** Questionnaire

**Value set:** Number of persons

Please note that fellow traveller is defined using a purpose term. Thus, it is not necessarily the number of persons in the means of transport.

## PartyNumAdults

Fellow traveller > 18 years

**Table:** tur

**Variable type:** Integer

**Origin:** Questionnaire

**Value set:** Number of persons

Please note that fellow traveller is defined using a purpose term. Thus, it is not necessarily the number of persons in the means of transport.

## BicType

Bicycle type

**Table:** tur

**Variable type:** enum cykeltype

**Origin:** Questionnaire

**Value set:**

id	cykeltype
20	Ordinary two wheel bike
21	Tandem
22	Bike with trailer
23	Electric bicycle
30	Carrier cycle, Christianiabicycle
40	Recumbent bicycle and other special bicycles
99	Different bikes on the individual parts of the trip

What type of bicycle was used on the trip ? Questions asked after May 2014

### CarPassDriver

Car passenger: Relationship with the driver

**Table:** tur

**Variable type:** enum bilpforer

**Origin:** Questionnaire

**Value set:**

id	bilpforer
1	Family member who lives in my household
2	Another person from my household
3	Work colleague
4	Friend, neighbour, other family
5	Others
99	Combination hereof

Questions referring to trips which involve car, as passenger. Question asked since 7 June 2006.

### CarPassContext

Car passenger: Relationship to the driver's trip

**Table:** tur

**Variable type:** enum bilpkontekst

**Origin:** Questionnaire

**Value set:**

id	bilpkontekst
1	We went together, we were to go from the same place to the same place
2	I was collected/brought, the entire car trip was for my sake

id	bilpkontekst
3	I got a lift in the car, a detour was taken for my sake
4	I got a lift, there was no detour

Questions referring to trips which involve car, as passenger. Question asked since 7 June 2006.

### CarUsageCarNo

Car usage on trip

**Table:** tur

**Variable type:** enum CarUsageCarNo

**Origin:** Questionnaire

**Value set:** Reference to car table or (negative) code for other car

id	CarUsageCarNo
-99	Different cars for the individual stages of the trip
-32	The car is owned by the driver, who is not member of the household
-31	Borrowed car
-21	Employers car
-13	Car sharing
-12	Rented car
1	1st car in household
2	2nd car in household

id	CarUsageCarNo
3	3rd car in household

(list extends to number of cars reported in household)

### PtTicketType

Public transport trip: ticket type

**Table:** tur

**Variable type:** enum kollbetaling

**Origin:** Questionnaire

**Value set:**

id	kollbetaling	Description
1	My bus/train season ticket covers	
2	Supplementary ticket to my bus/train season ticket	
3	Multiple-ride ticket or other ticket with discount	
4	Ticket, at full price	
5	I did not pay for the trip	
6	Free: free travel, free travel card, free ticket	
7	Rejsekortet	Danish smartcard

Questions referring to trips which involve public transport. Question asked since 1 June 2006.



### PtPrice

Ticket price

**Table:** tur

**Variable type:** Integer

**Origin:** Questionnaire

**Units:** DKK

Questions referring to trips which involve public transport and in which pttickettype={2,3,4}. The question is asked since 1 June 2006.

### PtBicType

Bicycle/public transport combination: P or bring

**Table:** tur

**Variable type:** enum cykelmedtagtype

**Origin:** Questionnaire

**Value set:**

id	cykelmedtagtype
11	I took the bicycle on the train
21	Lockable cycle parking (for which I have a key)
22	Covered bicycle rack
23	Bicycle rack in the open
24	I just parked the cycle where there was a space

Questions referring to trips which involve bicycle in combination with train. Question asked since 3 February 2009.

### PTPrimMode

Primary mode of public transport

**Table:** tur

**Variable type:** enum transportmiddel

**Origin:** Derived

**Value set:**

id	transportmiddel	Description
7	Disability moped (electric)	
31	Public bus	Bus which is part of the public transport, irrespective of bus company.
32	S-train	
33	Other train	This category includes all trains that are not S-trains or Metro
34	Metro train	Copenhagen Metro
35	Dial-a-ride, flexible transport service	
37	Light rail	Light rail in Århus/Odense/Copenhagen
41	Ferry, water bus	
51	Airplane	All airborne transport: airliner, private plane and helicopter.

Primary mode of public transport defined as the mode of public transport that accounts for the longest travel distance (sum(stagelength)) on the trip. In case of parity the mode with highest ID.

### PTAccMode

Access mode to public transport trip

**Table:** tur

**Variable type:** enum transportmiddel

**Origin:** Derived

**Value set:**

id	transportmiddel	Description
1	Walk or run	Also if one walks with a handcart or wheels a bicycle.
2	Bicycle	Including electric cycle, tricycle, etc.
3	Moped 30 (yellow number plate)	
4	Moped 45 (white number plate)	
5	Skateboard/roller skates/scooter	
6	Horse-drawn carriage, horse	
7	Disability moped (electric)	
11	Passenger car	
12	Van	Vehicle for goods transport with maximum authorised total weight below 3.5 tons
13	Lorry	Vehicle for goods transport with maximum authorised total weight above 3.5 tons
14	Motorcycle	
15	Tractor, working tools	All types of tractors and working tools, also e.g. steam rollers and hot-dog stands. It is a requirement that the vehicle

id	transportmiddel	Description
		is driven. If the respondent pulls or pushes, it is "walk or run"
25	Taxi cab	Also empty taxi cabs.
26	Tourist coach, rented bus	Bus trips which are not public transport. Apart from tourist trips also, for instance, 'closed' school buses, buses on their way to repair shop, military buses, etc.
37	Light rail	Light rail in Århus/Odense/Copenhagen
42	Pleasure boat	All types of pleasure boating, from canoes and dinghies to large yachts

Access mode to mode of public transport, defined as the mode of public transport that accounts for the longest travel distance (sum(stagelength)) on the trip to the first mode of public transport. In case of parity the mode with highest ID.

### PTEgrMode

Egress mode from public transport trip

**Table:** tur

**Variable type:** enum transportmiddel

**Origin:** Derived

**Value set:**

id	transportmiddel	Description
1	Walk or run	Also if one walks with a handcart or wheels a bicycle.
2	Bicycle	Including electric cycle, tricycle, etc.
3	Moped 30 (yellow number plate)	

id	transportmiddel	Description
4	Moped 45 (white number plate)	
5	Skateboard/roller skates/scooter	
6	Horse-drawn carriage, horse	
7	Disability moped (electric)	
11	Passenger car	
12	Van	Vehicle for goods transport with maximum authorised total weight below 3.5 tons
13	Lorry	Vehicle for goods transport with maximum authorised total weight above 3.5 tons
14	Motorcycle	
15	Tractor, working tools	All types of tractors and working tools, also e.g. steam rollers and hot-dog stands. It is a requirement that the vehicle is driven. If the respondent pulls or pushes, it is "walk or run"
25	Taxi cab	Also empty taxi cabs.
26	Tourist coach, rented bus	Bus trips which are not public transport. Apart from tourist trips also, for instance, 'closed' school buses, buses on their way to repair shop, military buses, etc.

id	transportmiddel	Description
37	Light rail	Light rail in Århus/Odense/Copenhagen
42	Pleasure boat	All types of pleasure boating, from canoes and dinghies to large yachts

Egress mode from mode of public transport, defined as the mode of transport that accounts for the longest travel distance (sum(stagelength)) on the trip from the last mode of public transport. In case of parity the mode with highest ID.

### PTAccLen

Distance travelled by access mode to public transport trip

**Table:** tur

**Variable type:** Float

**Origin:** Derived

**Units:** km

Total travel distance before first mode of public transport.

### PTEgrLen

Distance travelled by egress mode from public transport trip

**Table:** tur

**Variable type:** Float

**Origin:** Derived

**Units:** km

Total travel distance after last mode of public transport

### FirstStation

Start station for train trip

**Table:** tur

**Variable type:** Character

**Origin:** Questionnaire

**Value set:** Station name

The underlying question of station choice has been asked since 10 February 2009. However, in several older interviews the information has been found during post-processing.

## LastStation

Last station for train trip

**Table:** tur

**Variable type:** Character

**Origin:** Questionnaire

**Value set:** Station name

The underlying question of station choice has been asked since 10 February 2009. However, in several older interviews the information has been found during post-processing.

## TrainMode

Train combination

**Table:** tur

**Variable type:** enum TrainMode

**Origin:** Derived

**Value set:**

id	TrainMode
32	S-train
33	Other train
34	Metro train
99	Combination of trains

## TrainAccMode

Access mode to train

**Table:** tur

**Variable type:** enum transportmiddel

**Origin:** Derived

**Value set:**

id	transportmiddel	Description
1	Walk or run	Also if one walks with a handcart or wheels a bicycle.

id	transportmiddel	Description
2	Bicycle	Including electric cycle, tricycle, etc.
3	Moped 30 (yellow number plate)	
4	Moped 45 (white number plate)	
5	Skateboard/roller skates/scooter	
6	Horse-drawn carriage, horse	
7	Disability moped (electric)	
11	Passenger car	
12	Van	Vehicle for goods transport with maximum authorised total weight below 3.5 tons
13	Lorry	Vehicle for goods transport with maximum authorised total weight above 3.5 tons
14	Motorcycle	
15	Tractor, working tools	All types of tractors and working tools, also e.g. steam rollers and hot-dog stands. It is a requirement that the vehicle is driven. If the respondent pulls or pushes, it is "walk or run"
25	Taxi cab	Also empty taxi cabs.



id	transportmiddel	Description
26	Tourist coach, rented bus	Bus trips which are not public transport. Apart from tourist trips also, for instance, 'closed' school buses, buses on their way to repair shop, military buses, etc.
31	Public bus	Bus which is part of the public transport, irrespective of bus company.
35	Dial-a-ride, flexible transport service	
37	Light rail	Light rail in Århus/Odense/Copenhagen
41	Ferry, water bus	
42	Pleasure boat	All types of pleasure boating, from canoes and dinghies to large yachts
51	Airplane	All airborne transport: airliner, private plane and helicopter.

Access mode to train, defined as the mode of transport that accounts for the longest travel distance (sum(stagelength)) on the trip to the first train. In case of parity the mode with highest ID.

## TrainEgrMode

Egress mode from train

**Table:** tur

**Variable type:** enum transportmiddel

**Origin:** Derived

**Value set:**

id	transportmiddel	Description
1	Walk or run	Also if one walks with a handcart or wheels a bicycle.

id	transportmiddel	Description
2	Bicycle	Including electric cycle, tricycle, etc.
3	Moped 30 (yellow number plate)	
4	Moped 45 (white number plate)	
5	Skateboard/roller skates/scooter	
6	Horse-drawn carriage, horse	
7	Disability moped (electric)	
11	Passenger car	
12	Van	Vehicle for goods transport with maximum authorised total weight below 3.5 tons
13	Lorry	Vehicle for goods transport with maximum authorised total weight above 3.5 tons
14	Motorcycle	
15	Tractor, working tools	All types of tractors and working tools, also e.g. steam rollers and hot-dog stands. It is a requirement that the vehicle is driven. If the respondent pulls or pushes, it is "walk or run"
25	Taxi cab	Also empty taxi cabs.

id	transportmiddel	Description
26	Tourist coach, rented bus	Bus trips which are not public transport. Apart from tourist trips also, for instance, 'closed' school buses, buses on their way to repair shop, military buses, etc.
31	Public bus	Bus which is part of the public transport, irrespective of bus company.
35	Dial-a-ride, flexible transport service	
37	Light rail	Light rail in Århus/Odense/Copenhagen
41	Ferry, water bus	
42	Pleasure boat	All types of pleasure boating, from canoes and dinghies to large yachts
51	Airplane	All airborne transport: airliner, private plane and helicopter.

Egress mode from train defined as the mode of transport that accounts for the longest travel distance (sum(stagelength)) on the trip from last train. In case of parity the mode with highest ID.

### TrainAccLen

Access travel time to train

**Table:** tur

**Variable type:** Float

**Origin:** Derived

**Units:** min

Total travel time before first train, incl. wait for buses etc, excl. first wait before train.

### **TrainEgrLen**

Egress travel time from from train

**Table:** tur

**Variable type:** Float

**Origin:** Derived

**Units:** min

Total travel time after last train, incl. waiting time.

### **TrainAccLen**

Distance travelled by access mode to train

**Table:** tur

**Variable type:** Float

**Origin:** Derived

**Units:** km

Total travel distance before first train.

### **TrainEgrLen**

Distance travelled by egress mode from train

**Table:** tur

**Variable type:** Float

**Origin:** Derived

**Units:** km

Total travel distance after last train.

### **TrainAccDist**

Access mode to train, distance as the crow flies

**Table:** tur

**Variable type:** Float

**Origin:** Derived

**Units:** km

Distance by access mode, calculated as distance from start of the trip to FirstStation as the crow flies.

### **TrainEgrDist**

Egress mode from train, distance as the crow flies

**Table:** tur

**Variable type:** Float

**Origin:** Derived

**Units:** km

Distance by egress mode, calculated as distance from LastStation to destination of the trip as the crow flies.

## JourneyId

Reference to journey

**Table:** tur

**Variable type:** Integer

**Origin:** Technical

Reference to journey, of which the trip is part.

## JourneyRole

Position of the trip in the journey

**Table:** tur

**Variable type:** enum journeyrole

**Origin:** Derived

**Value set:**

id	journeyrole	Description
0	The journey base	
1	Primary stay	The destination of the trip is the stay with the longest duration on the journey.
21	Secondary stay on the outbound trip	The destination of the trip is the stay with the longest duration on the part of the journey which is before the primary stay.
22	Secondary stay on the homebound trip	The destination of the trip is the stay with the longest duration on the part of the journey which is after the primary stay.

Variable derived from journey table. NULL indicates that the stay has no formalised position in the journey.

## **GISdistJourneyStartP**

Distance as the crow flies to destination of this trip

**Table:** tur

**Variable type:** Float

**Origin:** Derived

**Units:** km

Distance as the crow flies between the journey base and the destination of this trip, calculated as the crow flies. The value can be interpreted as statement of the distance 'from home' to this stay. GISdist is only calculated if coordinates for both journey base and destination of the trip are known.

## **5. Trip stages of the day**

### **Each mode of transport on the trip.**

The trip stages table specifies each individual use of a transport mode at each trip with related travel distance, travel time, etc.

The table is used directly for calculation of transport work and similar extracts as well as for certain sophisticated public transport analyses. The information in the trip table is fully adequate for most other purposes.

### **turid**

Reference to the corresponding trip

**Table:** deltur

**Variable type:** Integer

**Origin:** Technical

(turid, deltur) is primary key.

### **deltur**

Position of trip stage in the order

**Table:** deltur

**Variable type:** Integer

**Origin:** Technical

(turid, deltur) is primary key.

### **ModeDwellTime**

Rest period for mode of transport

**Table:** deltur

**Variable type:** Integer

**Origin:** Derived

**Units:** min

**Value set:** Temporal resolution: 5 minutes.

Time since last use of same mode of transport in same interview. NULL indicates no previous use.

The field may e.g. be used for calculation of parking times, however, please be aware that there is a problem about who has used the means of transport: TU is a survey based on individuals. When ModeDwetime is used, it is presumed that there is a 1:1 relationship between person and (the specific) means of transport.

## StageMode

Mode of transport

**Table:** deltur

**Variable type:** enum transportmiddel

**Origin:** Questionnaire

**Value set:**

id	transportmiddel	Description
1	Walk or run	Also if one walks with a handcart or wheels a bicycle.
2	Bicycle	Including electric cycle, tricycle, etc.
3	Moped 30 (yellow number plate)	
4	Moped 45 (white number plate)	
5	Skateboard/roller skates/scooter	
6	Horse-drawn carriage, horse	
7	Disability moped (electric)	
11	Passenger car	
12	Van	Vehicle for goods transport with maximum authorised total weight below 3.5 tons

id	transportmiddel	Description
13	Lorry	Vehicle for goods transport with maximum authorised total weight above 3.5 tons
14	Motorcycle	
15	Tractor, working tools	All types of tractors and working tools, also e.g. steam rollers and hot-dog stands. It is a requirement that the vehicle is driven. If the respondent pulls or pushes, it is "walk or run"
25	Taxi cab	Also empty taxi cabs.
26	Tourist coach, rented bus	Bus trips which are not public transport. Apart from tourist trips also, for instance, 'closed' school buses, buses on their way to repair shop, military buses, etc.
31	Public bus	Bus which is part of the public transport, irrespective of bus company.
32	S-train	
33	Other train	This category includes all trains that are not S-trains or Metro
34	Metro train	Copenhagen Metro
35	Dial-a-ride, flexible transport service	
37	Light rail	Light rail in Århus/Odense/Copenhagen



id	transportmiddel	Description
41	Ferry, water bus	
42	Pleasure boat	All types of pleasure boating, from canoes and dinghies to large yachts
51	Airplane	All airborne transport: airliner, private plane and helicopter.

## ModeGroup

Mode of transport, grouped

**Table:** deltur

**Variable type:** enum ModeGroup

**Origin:** Derived

**Value set:**

id	ModeGroup	Description
1	Walk	
2	Bicycle	
11	Driver of passenger car	
19	Driver of other vehicle	
21	Passenger car passenger	
29	Passenger in other vehicle	
50	Airplane	

id	ModeGroup	Description
90	Other / miscellaneous	Horse-drawn carriage, pleasure boat and ferry as only means of transport.
110	Train	Train trips, including S-train and Metro
120	Public transport bus	Bus trips (bus as part of public transport)

## StageDrivPass

Driver/passenger

**Table:** deltur

**Variable type:** enum forerpass

**Origin:** Questionnaire

**Value set:**

id	forerpass	Description
1	Driver	
2	Passenger	
3	Other personel	Conductors etc.

Driver or passenger on this trip stage.

## StageLength

Travel distance

**Table:** deltur

**Variable type:** Float

**Origin:** Questionnaire

**Units:** km

Stated travel distance of trip stage

### **StageWaitMin**

Waiting time before the trip stage

**Table:** deltur

**Variable type:** Integer

**Origin:** Questionnaire

**Units:** min

Only for mode of public transport.

### **StageStartMsm**

Time of start of the trip stage.

**Table:** deltur

**Variable type:** Integer

**Origin:** Derived

**Value set:** Minutes past midnight, [180-?]

DepartMsm + duration of the previous trip stages incl. waiting time.

### **StageDurationMin**

Duration of the trip stage

**Table:** deltur

**Variable type:** Integer

**Origin:** Questionnaire

**Units:** min

Travel time in the mode of transport

### **Route**

(Bus) line

**Table:** deltur

**Variable type:** Character

**Origin:** Questionnaire

**Value set:** Line description

Bus line for bus and line letter for S-train, StageMode={31,32}). The question is asked since 10 February 2009.

## FromStation

FromStation

**Table:** deltur

**Variable type:** Character

**Origin:** Questionnaire

**Value set:** Station name

Stated FromStation for the trip stage (for train, StageMode={32,33,34}). ToStation is found as FromStation for next trip stage. In principle, the question has been asked since 10 February 2009. For several earlier data the information has been added during post-processing.

## ToStation

ToStation

**Table:** deltur

**Variable type:** Character

**Origin:** Derived

**Value set:** Station name

FromStation for next trip stage

## FuelType

Fuel type

**Table:** deltur

**Variable type:** enum FuelType

**Origin:** Derived

**Value set:**

id	FuelType
1	Petrol
2	Diesel
3	Electric car
9	Other
31	Hybrid, petrol

id	FuelType
32	Hybrid, diesel

Estimated fueltype for passenger cars.

### gramCO2

CO2 Emission

**Table:** deltur

**Variable type:** Float

**Origin:** Derived

**Units:** g CO2

Estimated CO2 emission for road traffic

### FuelConsumpMJ

Energy consumption

**Table:** deltur

**Variable type:** Float

**Origin:** Derived

**Units:** MJ

Estimated Energy consumption for road traffic

## 6. Stage geography

### Division of stages to municipalities enroute

Key for geographical distribution of stages.

#### turid

Reference to the corresponding trip

**Table:** deltur\_RouteFactors

**Variable type:** Integer

**Origin:** Technical

(turid, delturnr) is primary key.

**delturnr**

Position of trip stage in the order

**Table:** deltur\_RouteFactors

**Variable type:** Integer

**Origin:** Technical

(turid, delturnr) is primary key.

**RouteMunCode**

Route municipality

**Table:** deltur\_RouteFactors

**Variable type:** enum kommunekode

**Origin:** Technical

**Value set:** Municipality code, following the local government reform

id	kommunekode
101	Copenhagen
147	Frederiksberg
265	Roskilde
461	Odense
561	Esbjerg
615	Horsens
621	Kolding
630	Vejle
730	Randers

id	kommunekode
751	Århus

Only a small sample of values is shown. See external link for complete list of values: <http://www.dst.dk/da/Statistik/dokumentation/Nomenklaturer/NUTS.aspx>

## LengthFrac

Stage share in municipality

**Table:** deltur\_RouteFactors

**Variable type:** Float

**Origin:** Technical

**Units:** andel

# 7. Household members

## Details about the individual persons in the household.

The household table is only rarely used directly for analyses. The derived variables at session level comprise sufficient information for most purposes.

From October 2006 to January 2009 inclusive, only those household members that are family of the respondent. However, the number of household members can still be derived from session.HousehNumPers.

## SessionId

Reference to session

**Table:** household

**Variable type:** Integer

**Origin:** Technical

(sessionid, medlnr) is primary key

## medlnr

Serial number

**Table:** household

**Variable type:** Integer

**Origin:** Technical

(sessionid, medlnr) is primary key.

## Relation

Relationship with the person

**Table:** household

**Variable type:** enum famrelation

**Origin:** Questionnaire

**Value set:**

id	famrelation	Description
1	My spouse/partner	
5	My child	
6	My father/mother	
7	Parents of spouse/partner	
8	My grandfather/grandmother	
9	My grandchild	
10	My brother/sister	
11	My niece/nephew	
12	Sons-in-law and daughters-in-law	
13	Sister-in-law/brother-in-law	
14	Cousin	
15	Aunt/uncle/paternal aunt/maternal aunt	



id	famrelation	Description
16	Other family members	
20	Not part of family	Value not used in 2007-8, as these persons were not specified in the table.
51	Child of spouse/partner	

The respondent's (family) relationship with this person.

## YearBorn

Birth year of the household member

**Table:** household

**Variable type:** Integer

**Origin:** Questionnaire

**Value set:** 4-digit year. [1886-2017]

The question includes 'don't know'; consequently, the field has a number of missing values.

## Sex

Gender

**Table:** household

**Variable type:** enum knip

**Origin:** Questionnaire

**Value set:**

id	knip
1	Man/boy
2	Woman/girl

## HasDrivLic

Driving licence status

**Table:** household

**Variable type:** enum korekort

**Origin:** Questionnaire

**Value set:**

id	korekort	Description
-18	Person under 18 years / under 17 years from 2017	Value added during post-processing.
1	Yes	
2	No, has never had	
3	Has had	

The question includes 'don't know'; consequently, the field has a number of missing values.

## AgeSimple

Age

**Table:** household

**Variable type:** Integer

**Origin:** Derived

**Value set:** Age, [0-120] years

The age of the household member calculated without regard to date of birth, as this information is not available. It can be said that the person reaches/reached respagesimple years in diaryyear.

## PosInFamily

Position in the nuclear family

**Table:** household

**Variable type:** enum PositionInFamily

**Origin:** Derived

**Value set:**

id	PositionInFamily	Description
10	Single	

id	PositionInFamily	Description
11	Older in couple	
12	Younger in couple	
20	Child in nuclear family	under 25 years of age

The position of the household member in the nuclear family. NULL indicates that this household member is not part of the respondent's nuclear family.